Volume:
1994
Spring Semester
1st Edition

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maryland automated registration system

Call 403-0500

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SCHEDULE *of* CLASSES

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SUN	MON	TUES	WED	THU	FRI	SAT
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

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DECEMBER '93

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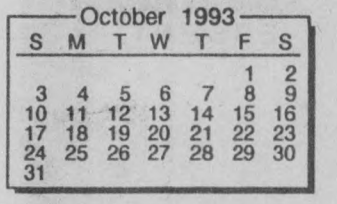
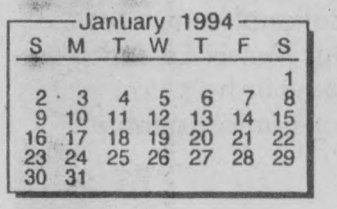
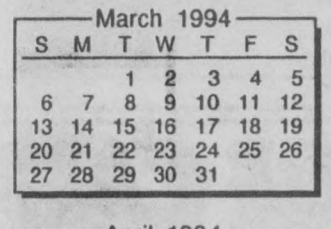
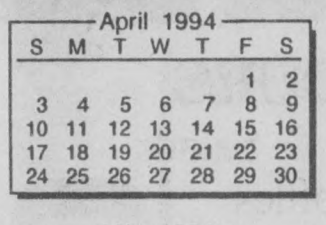
4 INTRO

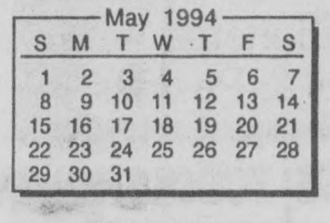
ACADEMIC CALENDAR/TABLE OF CONTENTS

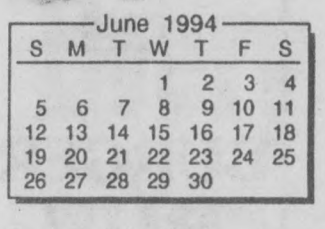


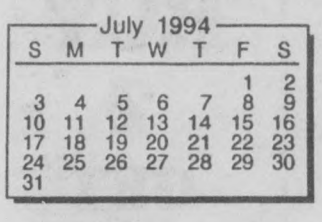












1993-1994 ACADEMIC CALENDAR

October

15	Schedule of Classes delivery, Spring 1994 Edition I
18	Begin picking up early registration materials
25	Spring 1994 Early Registration begins

November

15	**Undergraduates- LAST DAY to Drop with a "W"** **GRAD STUDENTS-LAST DAY to adjust schedule**
25-28	Thanksgiving Recess

December

13	**LAST DAY OF CLASSES** **Last Day to Withdraw from Fall 1993 Semester**
14	Exam Study Day
15-22	FINAL EXAMS
17	MARS Grade Inquiry available for Fall 1993 grades
23	COMMENCEMENT

January 1994

18	FIRST DAY OF CLASSES Spring 1994 Semester
31	**LAST DAY-Schedule Adjustment-Spring 1994**

March

14-20	Spring Break

April

4	**Undergraduates-LAST DAY to Drop with a "W"** **GRAD STUDENTS- LAST DAY to adjust schedule**

May

9	**LAST DAY OF CLASSES** Last day to withdraw from Spring 1994 Semester
10	Exam Study Day
11-18	FINAL EXAMS
19	COMMENCEMENT

June

6	First Day of Classes- Summer Session I

July

4	Independence Day Holiday
15	Last Day of Classes- Summer Session I
18	First Day of Classes- Summer Session II

TABLE OF CONTENTS

REGISTRATION INFORMATION

Calendar 4
Consortium 12
Faculty-Staff Registration 6
Graduate Student Academic Information 7
Graduate Student Registration 7
Inter Institutional Registration 12
MARS - How to Call 9
MARS - Course Worksheet & Action Codes 10
Registration Information 5
Schedule Adjustment Procedures 5
Teacher's Registration 6
Waitlist 11

DEADLINES FOR ALL STUDENTS - *SEE PAGE 13*

Cancellation of Registration 14
Candidates for May 1994 Graduation 14
Deadlines for Spring 1994 13
Penalties for Drops 14
Reclassification to In-State Status 14

FINANCIAL INFORMATION - *FEE CHART PAGE 15*

Billing Information 15
Cancellation of Residence Hall and/or Meal Plan Agreement 17
Fees for Spring 1994 15
Financial Aid Information 16
Refunds for Special Courses 14
Refund Requests 14
Tuition, Fees & Other Expenses 15
Withdrawal from the University 17

FINAL EXAM SCHEDULE

Fall 1993 18
Spring 1994 18

GENERAL INFORMATION 19-22

ACADEMIC INFORMATION/ADVISING

College Organizational Chart 23
Undergraduate Academic Information
Advisor Listings 24-25
Academic Policies 26-28
General Education (CORE & USP) 29-33
Repeat Policy 27

WHAT'S NEW AND INTERESTING 34
FIRST YEAR FOCUS 35-36
COURSE LISTINGS 37-97
CAMPUS MAP 53

For information on advertising in the Schedule of Classes contact:

Beth Rhodes
1113 Mitchell Building
University of Maryland
College Park, MD 20742

The Schedule of Classes is produced four times a year under the direction of the Office of Records and Registrations at the University of Maryland, College Park.

The **FIRST EDITION** of the Schedule of Classes should be used only DURING EARLY REGISTRATION. As they occur, revisions will be posted in the first floor of the Mitchell Building.

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition.

The provisions of this publication are not be regarded as an irrevocable contact between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

REGISTRATION

REGISTRATION APPOINTMENTS

Returning Students: Eligible undergraduate students were mailed a post card with Spring 1994 early registration appointment information. Appointment times are based on student credit level and are scheduled between October 25 and November 30, 1993. Two registration methods are being used during Spring 1994 Early Registration; MARS and in-person appointments at the Registrations Office. Your invitation postcard will include information about your appointment time, which method you are eligible to use (MARS or in-person appointment), and where to pick up registration materials. Materials can be picked up beginning October 18th.

Newly Admitted Students: Newly admitted students MUST attend an Orientation program and will be advised and register at that time. Call the Orientation Office at 314-8217 to sign-up for an Orientation session. The University of Maryland also requires all new students to provide documentation of measles, mumps and rebulla, and tetanus/diphtheria. It is the students responsibility to provide information to the University Health Center prior to the beginning of the semester. This requirement is mandatory.

MARS
The Maryland Automated Registration System:

(Voice Response System)

MARS is a voice response system that lets students use touch-tone phones to register. Students invited to use MARS can call from the time of their scheduled appointment and any time thereafter during MARS' operating hours. MARS is available Monday through Friday, 7:30 a.m. to 7:00 p.m. and Sunday from 5:00 to 11:00 p.m.

WHO CAN USE MARS? Most current undergraduates are eligible to use MARS. If you have been assigned a PIN by the Registrations Office and are in good academic and financial standing, you can use MARS for Spring 1994 Early Registration. Read the information below and see page 9 through 11 for MARS instructions. For information about MARS training sessions, contact your college or call the MARS helpline (314-1600).

In-person appointments at the Registration Office:

On-line registration appointments will again be offered in Room 1130 Mitchell Building. If you are not using MARS you will register with a computer operator at your scheduled appointment time.

Because of special advising requirements some students can not use MARS for Early Registration. Students not eligible to use MARS include those on academic warning or dismissal, student athletes, Individual Admits and IED students.

Questions about which Registration method to use?

Call Registrations at 314-8240

GETTING READY TO REGISTER

Carefully read and follow the six steps in GETTING READY TO REGISTER. Take advantage of early registration; by registering at your scheduled appointment time you will have the best opportunity to obtain a Spring 1994 course schedule.

STEP 1
PICK UP MATERIALS:

Beginning October 18th go to your department (Location is indicated on your invitation postcard) to pick up registration materials. Registration materials include your appointment letter and unofficial transcript. Students using MARS can find a MARS course worksheet on page 10.. If you did not receive a postcard call Registrations at 314-8240.

ATTENTION DECEMBER DEGREE CANDIDATES: If you wish to register for Spring 1994, call Registrations for an appointment beginning October 18.. Call 314-8240.

STEP 2
REVIEW YOUR APPOINTMENT LETTER CAREFULLY:

It contains information about advising requirements and registration blocks. The courses you select, as well as your advising requirements will determine if you need to meet with an advisor prior to registering. For information on specific course and credit restrictions that may require special permission prior to registering see STEP 3.

Advising: is required for some students, and highly recommended for all students. Advising is mandatory prior to registering for students in certain majors, students on academic warning and dismissal, student athletes, IED students, and students who still need to fulfill fundamental studies requirements. Appointment letters indicate if advising is mandatory. A list of advisors begins on page 24. Set up an appointment to see an advisor as soon as possible.

Registration Blocks: Financial and judicial blocks are noted in your appointment letter. Be sure to resolve any outstanding blocks prior to your registration appointment. Students owing money to the University are not eligible to register until they clear their accounts. To become eligible to register contact the Office of the Bursar, Room 1135 Lee Building prior to your appointment time.

Fundamental Studies Blocks: If you have completed 30 credits and have not satisfied the Fundamental Math and English requirements you should contact your college office for a temporary extension. If you are going to register for the required course in lieu of requesting a waiver, you must register in person.

STEP 3
PLAN YOUR SCHEDULE AND OBTAIN SPECIAL PERMISSIONS:

Use the course listings beginning on page 36 to plan your Spring schedule. Also select alternative courses and sections. Note that MARS uses the five-digit index number to the right of the section number in the course listings. Read course listings carefully and pay special attention to note lines associated with each course. Some registration actions do require special permission. Remember that all special permissions and advising requirements must be met before registering. *See Need Special Permission?* below for specific information.

Electronic Stamp:

The Electronic Stamp has been developed to allow offices to grant special permissions and approvals via computer. All colleges, the Registrations Office, and all departments have access to the Electronic Stamp. Special permissions (on forms) from any other department can be turned in to that department or college office, or the Registrations Office prior to registering with MARS or in person. Electronic Stamp permissions are valid whether you register in person or use MARS. Note that after obtaining permission you must still process a registration for the course(s). Special permissions can still be granted on schedule request forms with proper authorization when registering in-person.

Need Special Permission?

Course Restrictions: These restrictions are listed with individual courses in the course listing section of this Schedule. Some courses are open to majors only, others have cumulative credit requirements. Courses with Perm Req to the left of the course listing require permission from the department offering the course prior to registering. The department can enter the permission directly into the registration system using the Electronic Stamp, or stamp and sign the schedule request form. The schedule request form can then be taken to that department's college or the Registrations Office for entry into the system.

6 REGISTRATION

HOW TO REGISTER/FACULTY & STAFF REGISTRATION

Actions Requiring College Approval: All college offices have access to the Electronic Stamp and can enter special permissions directly into the registration system. Exceptions to any of the restrictions listed below require college approval prior to registering. Students should request these permissions well in advance of their registration appointment. Remember to register for the course (either by MARS or in-person) after obtaining any special permissions.

Maximum Credit Limit: Undergraduate students are generally limited to registering for 16 credits until January 14, 1994; students can then register for a maximum of 19 credits. Requests to register for over 16 credits prior to January 14, 1994 require special permission. Requests to take over 19 credits always require college approval.

CORE Restrictions: Students with over 90 cumulative credits are restricted to registering for only one CORE course untilJanuary 14, 1994. Check the General Education Requirements on page 29 to determine the CORE status of a course. Any exceptions require college approval.

Graduate Level Courses: Undergraduates requesting graduate level courses those numbered 500 and above) require college approval.

Time conflicts: Time conflicts are not permitted. All exceptions require college approval.

Pass/Fail Grading Method: See page 27 for Pass/Fail option requirements for undergraduate students.

Re-registering for the same course: Students are limited to the number of times they can register for a course. NO MORE THAN TWO REGISTRATIONS are permitted for any one course. Each time a course is dropped with a mark of "W" it will be counted as a registration.

STEP 4
CHECK ON COURSE AVAILABILITY:

Is the Course Open? Don't wait until you are ready to register to find out if a course is open. There are three ways students can check on course availability:

- MARS Section Status feature can be accessed any time during MARS operating hours. See pages 9 and 10 for instructions.
- Come to the Mitchell Building and check the course information posted in the first floor hallway.
- Try SEATS - SEATS is a computer service designed to help students with course planning. It features up-to-date Schedule of Classes course information. It can be easily accessed at Computer Science WAM labs or any of the more than 800 computer workstations across campus using the campus network, UMDNET. Try SEATS before you register. You can build a tentative schedule using current data on open sections, waitlists, and USP and CORE courses. Course information is updated hourly. Select SEATS from the menu options at any campus WAM lab, or dial in remotely using telnet seats.umd.edu.

STEP 5
COMPLETE REGISTRATION FORM AND REGISTER:

Prior to your appointment time complete appropriate forms and make sure all special permissions and advising requirements have been met. Be prepared with alternate selections.

MARS: If you are using MARS for registration read "Calling MARS" on page 9 and complete the MARS Worksheet on page 10.

Walk-In Registration: Complete a Registration Form prior to registering at Room 1130 Mitchell Building at your assigned appointment time. Please be on time , if you are late you may be asked to make another appointment. Make sure you are eligible for all requested courses.

STEP 6
AFTER YOU REGISTER

Schedule Adjustment: Schedule adjustment for Spring 1994 begins December 6, 1993. Students using MARS can call during MARS operating hours. Monday-Friday 7:30 a.m. to 7:00 p.m., and Sunday 5:00 - 11:00 p.m. Walk-in Schedule Adjustment is available in Room 1130 Mitchell Building, Monday - Friday 8:45 - 11:30 a.m.

Schedule and Bill: Students that register before January 8, 1994 will receive a schedule registration card and bill in the mail. Payment in full must be made no later than January 28, 1994. Students registering after January 7, 1994 will not be mailed a bill, however bill payment must be made by January 28, 1994.

Read the Schedule of Classes: There is additional information on registration in the Schedule of Classes. If you waitlist a course, or are considering this option, read WAITLIST INFORMATION on page 11. Important information about deadlines and cancellation dates can be found on page 13. Graduate students should refer to pages 7 and 8 for registration and academic information.

The Spring 1994 Edition II Schedule of Classes will be available on campus January 4, 1994. Consult the Second Edition for important information about schedule adjustment, updated course listings and waitlist check-in.

Faculty/Staff Registration Procedures and Remission of Tuition

Faculty and staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below:

STEP 1: Contact department representative responsible for processing Tuition Remission forms. Complete the forms and make sure they are forwarded to the Personnel Services Department, 1101 Administrative Services Building.

Tuition Remission: Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Department - Staff Benefits Office in order to receive credit on the student bill for courses taken by faculty and staff members. The authorizing department will forward this form directly to the Personnel Services Department. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted before the scheduled deadlines. Tuition remission benefits are administered in accordance with University Policy. Questions regarding employee tuition remission? Call the Staff Benefits Office at 405-5654.

Deadline to submit Tuition Remission Form for Spring 1994

a. Early Registrants — before January 8, 1994

b. Students registering after January 7, 1994 - must submit Tuition Remission form and settle their account in full by January 24, 1994 (tentative).

All Forms Must Be Submitted No Later Than January 14, 1994

STEP 2: Contact the appropriate admissions office if necessary:

Undergrad Admissions	Mitchell Bldg.(basement)	314-8385
Graduate Admissions	Lee Bldg. (2nd floor)	405-4198
Non-degree seeking faculty *(registration is on a space available basis)*	Contact Jane Graham 1108 Mitchell Bldg.	314-8239

STEP 3: Follow appropriate Registration Procedures. If you have any questions call Registrations at 314-8240.

Undergraduate Students	read page 5-6
Graduate Students	read page 7-8

Teacher's Registration

WHO? Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were enrolled for Fall 1993.

Undergraduate Students - Apply for readmission at the Office of Undergraduate Admissions, lower level, Mitchell Building 314-8382 where a registration form will be issued. See page 5 for Spring 1994 registration procedures.

Graduate Students - Check with Graduate School Admissions, 405-4198, to determine eligibility. See page 7 for Spring 1994 registration procedures.

REGISTRATION 7

GRADUATE STUDENT INFORMATION

Graduate Student Registration Procedures

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION WILL BE FROM OCTOBER 25, 1993 THROUGH DECEMBER 11, 1993. EACH DEPARTMENT/ PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS. CURRENTLY ENROLLED GRADUATE STUDENTS SHOULD HAVE RECEIVED A POSTCARD NOTIFYING THEM ABOUT REGISTRATION PROCEDURES.

NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payments at the Bursar's office, Room 1135 Lee Building.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include a copy of clearance form with schedule request form.

Graduate Students with PINs are eligible to use MARS for their initial registration or schedule adjustments. See the MARS worksheet on page 10 for instructions.

REGISTRATION STEPS:

STEP 1—Review the chart on page 8 to determine departmental requirements based on status as a newly admitted or returning graduate student.

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Spring 1994..

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Fall 1993, and currently eligible to register.

STEP 2—If advising is mandatory, (see page 8) or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3—Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 36, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registration for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have cumulative credit requirements. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization). Students should be sure they have authorization prior to registering.

STEP 4—Complete Graduate Schedule Request Form and return it to the department or to the Registration Office, as indicated in the Graduate Registration Procedure Chart on page 8.

NOTE: *If the department permits, students may return the form directly to the Registration Office by mail through January 3, 1994, or in-person through January 31, 1994.*

Registration Office
Room 1130 Mitchell Building
College Park, Maryland 20742

STEP 5—Confirmation of Spring 1994 schedules will be mailed to students according to the following schedule:

Course Request received	*Schedule, Bill and Registration Card sent:*
Through Demember 10	December 15
December 13-January 7	January 12
January 10 and after	pick-up in person

Immunization

The University of Maryland requires all freshmen, new graduate, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is as student's responsibility to provide this information to the Health Center before school begins. This requirement is mandatory.

Continuous Registration

(Doctoral Students Only)

Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each Fall and Spring semester until the degree is awarded. Contact the Graduate Records Office for more complete information at 405-4202.

Advising:

Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status:

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Graduate Units:

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour

Program Changes:

Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Gradute students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Office of Graduate Studies and Research has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased for $1.25 at the Reckord Armory, room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Office of Graduate Studies and Research instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted; thus, graduation may be delayed. Details about these requirements may be obtained in the Graduate Records Office, 2117 Lee Building.

Spring Semester 1994 Deadlines- Graduate Students

January 3 ..... Last day for mail-in registration
January 14 ..... Last day to cancel Spring 1994 registration
January 17 ..... Martin Luther King Holiday
January 18 ..... First Day of Classes
January 18 ..... Late Registration begins through January 31
January 31 ..... Last day to submit applications for May 1994 Graduation to the Registration Counter, Mitchell Building
February 7 ..... DOCTORAL STUDENTS: Deadline for submitting nominations of Dissertation Committee form to the Graduate Records Office for May 1994 Commencement.
February 28 ..... MASTERS STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for May 1994 Graduation:
- Approved program form (Thesis and Non-Thesis Students)
- Nomination of Thesis committee form

April 4 ..... Last day to adjust schedule
Must have department stamp to add a course after January 31
April 20 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1994 Graduation:
-Two final, acceptable copies of the completed dissertation
-The original signed Report of the Oral Examining Committee
-Survey of earned Doctorates
-UMI Microfilm Contract
-UMI/UMCP Agreement
April 27 ..... MASTERS STUDENTS: deadline of the submission of the following materials to the Graduate Records Office for May 1994 Graduation:
-The original signed report of the Oral Examining Committee
-Two final, acceptable copies of the Master's Thesis
OR Certificate of Completion of Masters Degree Without Thesis
May 9 ..... Last day of classes
May 19 ..... COMMENCEMENT

See Page 14 for Refund Schedule for Drops.

8 REGISTRATION

Graduate Students: use this chart to determine advising requirements and locations for Spring 1994 registration.

DEPARTMENT/PROGRAM		LOCATION	STUDENT STATUS			
			Newly Admitted Students		Returning Students	
			Advising	Return Completed Forms to:	Advising	Return Completed Forms to:
ADVP	Animal Sciences	4149 Animal Sci Center	Mandatory	Registration Office	Mandatory (except 799-899)	Registration Office
AGRO	Agronomy	1109 H J Patterson	Mandatory	Registration Office	Mandatory	Registration Office
AMST	American Studies	2140 Taliaferro	Mandatory	Registration Office	Optional	Registration Office
ANTH	Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH	Architecture	1298 Architecture	Mandatory	Registration Office	Optional	Registration Office
AREC	Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
ARTH	Art History & Archeology	1211 Art/Socy	Mandatory	Registration Office	Mandatory	Registration Office
ARTT	Art	1211 Art/Socy	Optional	Registration Office	Optional	Registration Office
ASTR	Astronomy	1206 Space Sci	Mandatory	Registration Office	Mandatory (except 799-899)	Department
BCHM	Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Registration Office
BMGT	Business and Management	2308 MPA	MBA: permission of Director		MBA optional	Department
	BMBA Master of Business Administration	2308 MPA	MS: see faculty advisor		MS Optional	Department
	BMJT Joint MBA/MS	2308 MPA	or Director		Ph. D. Optional	MS: see faculty advisor or Dept.
	BMSB Master of Science	2308 MPA				
	BPHD Ph.D Program	Ph.D: 2407 MPA	Ph.D. at Orientation			
	BMSW Business Social Work Combined	2308 MPA	N/A	N/A	N/A	N/A
	BMPM	See BMGT and MAPM			Optional	Department
BOTN	Botany	1223 H.J. Patterson	at Orientation	Registration Office	Optional	Registration Office
CHEM	Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH	Chemical Physics	1126 Physics Bldg	Optional	Registration Office	Optional	Registration Office
CLAS	Classics	4220 Jimenez	Mandatory	Registration Office	Optional	Registration Office
CMLT	Comparative Literature	4220 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
CMPL	Community Planning	1113 LeFrak Hall	Mandatory	Registration Office	Mandatory	Registration Office
CMSC	Computer Science	1119 A.V. Williams	Mandatory	Registration Office	Mandatory	Registration Office
CONS	Sustainable Development and Conservation Biology	3210 Zoo/Psyc Bldg	Mandatory	Registration Office	Optional	Registration Office
CRIM	Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registration Office
CRWR	Creative Writing	Surge Bldg	Optional	Registration Office	Optional	Registration Office
DANC	Dance	1132 Dance Bldg	Mandatory	Registration Office	Mandatory	Registration Office
ECON	Economics	3127F Tydings	Mandatory	Department	Optional	Department
EDCI	Curriculum and Instruction	2311 H.R. Benjamin	Mandatory	Registration Office	Optional	Registration Office
EDCP	Counseling and Personnel Services	3214 H.R. Benjamin	Mandatory	Registration Office	Mandatory (except 799-899)	Registration Office
EDHD	Human Development	3304 H.R. Benjamin	Mandatory	Registration Office	Optional	Registration Office
EDIT	Industrial, Technological , and Occupational Education	3216 J.M. Patterson	Mandatory	Registration Office	Mandatory	Registration Office
EDMS	Measurement, Statistics and Evaluation	4107 H.R. Benjamin	Optional	Registration Office	Optional	Registration Office
EDPA	Policy, Planning and Administratioin	2110 H.R. Benjamin	Optional	Registration Office	Optional	Registration Office
EDSP	Special Education	1304 H.R. Benjamin	Mandatory	Registration Office	Optional	Registration Office
ENAE	Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registration Office
ENAG	Agricultural Engineering	1130 Shriver Lab	Mandatory	Registration Office	Mandatory	Registration Office
ENCE	Civil Engineering	1179 Engr Classroom Bldg	Optional	Registration Office	Optional	Registration Office
ENCH	Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE	Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registration Office	Optional	Registration Office
ENFP	Fire Protection Engineering	0147 Engr Classroom Bldg	Mandatory	Department	Mandatory	Department
ENGL	English	Surge Bldg	Optional	Registration Office	Optional	Registration Office
ENMA	Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME	Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registration Office	Optional	Registration Office
ENNU	Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registration Office	Optional	Registration Office
ENRE	Reliability Engineering	2141 Chem Engr Bldg	Optional	Registration Office	Optional	Registration Office
ENSE	Systems Engineering	2101 A.V. Williams	Mandatory	Registration Office	Mandatory	Registration Office
ENTM	Entomology	1300 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
ENTS*	Telecommunications	3181 Engr. Classroom Bldg.	Mandarory	Department	Mandatory	Department
FDSC	Food Service	1122A Holzapfel	Mandatory	Registration Office	Mandatory	Registration Office
FMST	Family Studies	1204 Marie Mount	Optional	Registration Office	Optional	Registration Office
FRIT	French Language and literature	3106D Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
GEOG	Geography	1163 LeFrak	Mandatory	Registration Office	Mandatory	Registration Office
GELS	Geography and Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL	Geology	1115 Geology Bldg	Mandatory	Registration Office	Mandatory	Registration Office
GERS	Germanic Language and Literature	3215 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
GRAD	Advanced Special Student	2117 Lee Bldg.	Not Required	Registration Office	Not Required	Registration Office
GVPT	Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registration Office
HESP	Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registration Office	Mandatory	Registration Office
HILS	History Library and Information Sciences	see LBSC	N/A	N/A	N/A	N/A
HIST	History	2117 Francis Scott Key	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
HLTH	Health Education	2387 HLHP Bldg	at Orientation	at Orientation	Mandatory	Registration Office
HNFS	Human Nutrition and Food Systems	3304 Marie Mount	Mandatory	Department	Mandatory (except 799/899)	Registration Office
HORT	Horticulture	1122 Holzapfel	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
JOUR	Journalism	2109 Journalism	Mandatory	Registration Office	Mandatory	Registration Office
KNES	Kinesiology	2351 HLHP Bldg	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
LBSC	Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING	Linguistics	1107 Mill Bldg	Mandatory	Registration Office	Optional	Registration Office
LMBA	Business Law Combined	2308 MPA	see Admit Letter		Mandatory	Department
LMPM	Public Management Law Combined	see MAPM	N/A	N/A	N/A	N/A
MAPL	Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM	Public Management	2308 MPA	Mandatory	Department	Mandatory	Registration Office
MAPP	Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registration Office
MATH	Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MEES	Marine-Estuarine-Environmental Science	0313 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
METO	Meteorology	2207 Space Sci	at Orientation	Registration Office	Mandatory (except 799/899)	Registration Office
MICB	Microbiology	2131 Skinner	Mandatory	Registration Office	Mandatory	Registration Office
MOCB	Molecular and Cellular Biology	2504 Chemistry Bldg	Mandatory	Registration Office	Mandatory	Registration Office
MUSC	Music	2110 Tawes	Mandatory	Registration Office	Mandatory	Registration Office
NUSC	Nutritional Sciences	2145 Animal Science	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
PCOM	Public Communication	2109 Journalism	Optional	Registration Office	Optional	Registration Office
PHIL	Philosophy	4360 Computer Science Center	Mandatory	Registration Office	Mandatory	Registration Office
PHYS	Physics	1120 Physics Bldg	Mandatory	Department	Mandatory (except 799/899)	Registration Office
POSI	Policy Studies	1212 LeFrak Hall	Mandatory	Department	Mandatory	Registration Office
POUL	Poultry Science	3129 Animal Science Center	Mandatory	Registration Office	Mandatory (except 799/899)	Registration Office
PSYC	Psychology	1147 Zoo Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR	Recreation	2367 HLHP Bldg	Mandatory	Department	Mandatory	Department
RTVF	Radio-Television-Film	0123 Tawes	Mandatory	Registration Office	Mandatory	Registration Office
RUSS	Russian	3215 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
SOCY	Sociology	2108Art/Socy Bldg	Mandatory	Department	Mandatory except 799/899	Department
SPAP	Spanish Language and Literature	2215 Jimenez	Mandatory	Registration Office	Mandatory	Registration Office
SPCM	Speech Communication	2123 Skinner	Mandatory	Registration Office	Mandatory	Registration Office
STAT	Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or orientation	Mandatory	Department
SURV	Survey Methodology	1218 LeFrak Hall	Mandatory	Department	Mandatory	Department
THET	Theatre	0240 Tawes	Mandatory	Registration Office	Mandatory	Registration Office
TOXI	Toxicology	0300 Symons Hall	Mandatory	Registration Office	Mandatory	Registration Office
ZOOL	Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registration Office	Optional	Registration Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB UMBC UMES UMUC Intercampus Student		1108 Mitchell Bldg.	at Home Campus	Office of Special Programs at Host Campus Intercampus Form Must be Attached	Office of Special Programs at Host Campus Inter Campus Form Must be Attached	Office of Special Programs at Host Campus Inter Campus Form Must be Attached

*Note: Differential Tuition

MARS

MARYLAND AUTOMATED REGISTRATION SYSTEM

CALLING MARS

Early registration with MARS is convenient and easy to use. MARS utilizes the telephone key pad to communicate your course requests to the computer. The MARS Course Worksheet and key pad on page 10,, will guide you through the process. There will also be MARS Training Workshops held during October and November. Call 314-8240 for information . First follow the steps below so you will be prepared to call MARS at your appointment time..

- UNDERGRADUATES follow steps 1 - 6 in Getting Ready to Register on pages 5 and 6
  GRADUATES follow steps 1-5 on pages 7 and 8.
- Fill out the MARS course worksheet on page 10 and enter the information on each line. Use an ACTION CODE, section INDEX NUMBER, and # (pound sign) on the key pad for each transaction. After entering all lines press # (pound sign) again to signal the computer to process course requests.

  ACTION CODE - tells the computer what you want to do, for example add (press 2), drop (press 3) or list courses (press 5). ACTION CODES are listed on page 10.

  INDEX NUMBERS - identify the individual course and section. Each course has a unique 5-digit index number in the Schedule of Classes. The INDEX NUMBER is in parenthesis to the right of the section number. Contact the department offering the course for INDEX NUMBERS not listed in the Schedule of Classes.

- Call MARS at your scheduled appointment time - (301) 403-0500 (from on-campus dial 9-403-0500). Listen to MARS carefully, you will be prompted for your Student ID Number (social security number) and PIN (Personal Identification Number). Most Undergraduates and some Graduate students have received PINS from the Registrations Office.

- **Hours of operation:** UNDERGRADUATES: Call MARS beginning at your appointment time and any time thereafter during MARS operating hours.
  GRADUATE STUDENTS: Call during MARS operating hours beginning October 26, 1993.
  Monday - Friday 7:30 a.m. - 7:00 p.m.
  Sunday 5:00 p.m. - 11:00 p.m.

- **Phone Numbers:** **MARS (301) 403-0500**
  MARS HELPLINE call (301) 314-1600
  (Call the MARS Helpline if you have any questions or concerns)

ALL STUDENTS WHO HAVE RECEIVED A PERSONAL IDENTIFICATION NUMBER (PIN) FROM THE REGISTRATION OFFICE ARE ELIGIBLE TO USE MARS FOR SCHEDULE ADJUSTMENTS AND REGISTRATION. HOWEVER, STUDENTS IN THE FOLLOWING GROUPS MUST CONTINUE TO REGISTER OR PROCESS SCHEDULE ADJUSTMENTS IN PERSON:

- ***Students on Academic Warning/Dismissal***
- ***Student Athletes***
- ***Students who have a Fundamental Studies block***
- ***Newly Admitted Students***
- ***Students in the IED and Individual Admit Programs***

MARS FEATURES

REGISTRATION/SCHEDULE ADJUSTMENT: Used to process course requests during Early Registration and schedule adjustments such as drops, adds and grading method changes. REGISTRATION/SCHEDULE ADJUSTMENT includes Open Section Look-up.

GRADE INQUIRY: Provides semester grades as soon as they are available. Grade Inquiry is generally available on the third day of final exams.

WAITLIST CHECK-IN: Replaces in-person waitlist check-in by allowing one to fulfill the mandatory check-in obligation. Refer to page 11 for more information on Waitlisting with *MARS*.

SECTION STATUS: Can be used any time during MARS operating hours to check on what sections are open, if a waitlist is available for a course, and how many students are on a particular waitlist.

WORDS FROM *MARS*

ACCIDENTAL TERMINATION OF CALL: If you are accidently cut off from *MARS* before you complete your request, recall the system. You will be registered for transactions processed prior to termination. After entering your student ID and PIN, press 5 # # to list your course schedule. *MARS* will list the courses for which you are already registered. You may then make additions or changes to your schedule.

CANCELLATION OF REGISTRATION: Note that whether you register in person, or by *MARS* your entries are part of your registration record. See Cancellation of Registration, page 14, for deadlines and information.

DISCONNECTIONS: Time limits are built into the system. If you are on the *MARS* line for an extended period of time you will be disconnected. Error limits are also a part of *MARS*. If you do not enter the correct information after the second try, *MARS* will disconnect. You may immediately call *MARS* back. List your schedule (5##) to verify prior transactions..

DROPPING: You may drop a course by using Action Code 3 # # with Drop/Add. *MARS* will list all of your courses and give you the option to drop. *Before dropping one course in order to register for another course, be sure to use Open Section Look-up to ensure that the course is available. Once a closed course has been dropped, you will be unable to reregister for the course. The next person on the waitlist has been given your seat.*

SCHEDULE ADJUSTMENT: Schedule Adjustment for Spring 1994 begins December 6, 1993. Call *MARS* during operating hours: Monday - Friday 7:30 a.m. to 7:00 p.m., Sunday 5:00 p.m. - 11:00 p.m. Walk-in Schedule Adjustment is also available. See page 6, step 6, for dates and times.

GRADE INQUIRY: This feature of *MARS* provides students with semester grades as soon as they are available. Grade Inquiry is activated on the third day of final exams for each semester. Grades are available on a continual basis as they are submitted by departments. Grades are updated Tuesday through Saturday by 9:00 a.m.

GRADING METHOD: This refers to the choice of taking a course for a letter grade (A - F), Pass-Fail, or Audit. Change the grading method for a course by using *MARS* Action Code 4 # #. All grading methods are not available for all courses. Additionally, there are restrictions on taking courses Pass-Fail. See page 27 for information.

INDEX NUMBER: Unique five-digit index numbers are assigned to each section of a course. This number is located to the right of the section number in the course listings (beginning on page 36). Index Numbers for independent study courses must be obtained from the department offering the course.

PIN - PERSONAL IDENTIFICATION NUMBER: Your PIN is permanent and should be used throughout your attendance at Maryland. If you misplace, forget or feel the confidentiality of your PIN has been jeopardized, you can request a new number. Come to the Registration Information Counter located on the first floor of the Mitchell Building. You will be asked to provide photo identification before a new PIN can be assigned.

SCHEDULE AND BILL: Students that registered on or before January 7, 1994, receive a schedule and bill for tuition and fees in the mail. Students that register after January 7, 1994 will not be mailed a bill, however, bill payment must be made by January 28, 1994.

SILENCE DURING PROCESSING: There may be periods of silence during your call to *MARS*. This is normal and occurs when information is being verified or processed. Typically, the amount of silence lasts no longer than 5 seconds; however this time may increase during periods of heavy use. DO NOT HANG UP. Wait for the next set of instructions.

TIME CONFLICTS: *MARS* will not permit you to register for courses that conflict in time. Any exceptions require special permission from your college. To be placed on a waitlist for a course that conflicts with one you are registered for, use Waitlist Action Code 7 # #. If you receive the class from the waitlist, you will then be required to resolve the conflict. If the time conflict is not resolved, the course received from the waitlist will be dropped. Refer to Waitlist Feature on page 11 for more information.

VARIABLE CREDIT: Certain courses can be taken for a variable number of credits. *MARS* will prompt you for the number of credits when you register. You can change the credit level for a variable credit course by using *MARS* Action Code 8 # #.

Anyone using the Maryland Automated Registration System for purposes other than accessing his/her own records will be in violation of University Policy. Calls may be monitored for development purposes.

MARYLAND AUTOMATED REGISTRATION SYSTEM

10 MARS
COURSE WORKSHEET

TO ADD COURSES FOLLOW STEPS 1 - 7

1. Before processing your registration fill in the boxes below, one course per line. Each course selection is identified in the Schedule of Classes by a unique 5-digit INDEX NUMBER (to the right of the section number). Be prepared with alternate selections. Note that *MARS* will not allow you to register for any time conflicts.
2. Call *MARS* 301-403-0500 (from campus call 9-403-0500)
3. Select Registration/Schedule Adjustment from the *MARS* main menu.
4. Enter your student ID number (usually your social security number) ___ ___ ___ - ___ ___ - ___ ___ ___ ___
5. Enter your PIN (Personal Identification Number) ___ ___ ___ ___ ___ ___
6. Enter ADDS by pressing Action Code 2, INDEX NUMBER, #
7. After you have entered all ADDS in this format, enter another # to send information to the computer. Listen carefully, *MARS* will give information about each transaction.

   ACTION CODES for other functions are listed below.

ACTION CODE	INDEX NUMBER		COURSE	SECTION	DAYS	TIMES
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				

Press # after entering your transactions. This # signals the computer to process your requests.

ACTION CODES FOR REGISTRATION/SCHEDULE ADJUSTMENT

Action Codes are accessed by pressing the corresponding button on the telephone keypad.

ADD A COURSE:
[2], INDEX NUMBER, [#][#]

DROP A COURSE:
[3], INDEX NUMBER, [#][#]
OR [3][#][#], *MARS* will list courses & prompt you to press [1] to drop [0] to continue

CHANGE GRADING METHOD:
You have the option to enter a grading method when adding a course. If no grading method is entered, *MARS* will default, in most cases, to regular.
[4] INDEX NUMBER [*] GRADING METHOD [#][#]
1=Regular 2=Pass/Fail 3=Audit 4=Satisfactory/Fail
OR [4][#][#] to list courses with grading method

CHANGE CREDIT LEVEL:
Limited to variable level courses
[8] INDEX NUMBER [*] NUMBER OF CREDITS [#][#]
(Example: 2 credits=02)
OR [8][#][#] to list courses with credit levels

LIST YOUR SCHEDULE:
[5][#][#]

LIST OPEN SECTIONS:
MARS will list up to six open sections of a course. You have the option to list open sections that don't conflict with your current schedule, or all open sections for a particular course. MARS will list all available sections or start with a specific section. Be ready to write down open section information and index numbers.
[6][#][#]
To list open sections not conflicting with your schedule press [1]
To begin at a specific section enter index number, [*][#]
To list all non-conflicting sections enter any index number for the course, [#]
-OR-
To list all open sections press [2]
To begin at a specific section enter index number, [*][#] -or-
To list all open sections enter any index number for the course, [#]

WAITLIST FEATURE:
If a course is closed, and you are eligible to take the course, *MARS* will will prompt you to be placed on the waitlist for up to six sections. If any of these sections are open, *MARS* will tell you. Please note the section and index numbers.
[7][#][#] then
[2] INDEX NUMBER [#][#] to add a section to the waitlist
[3] INDEX NUMBER [#][#] to drop a specific waitlist section
OR [3][#][#] to be prompted for dropping waitlist sections
[5][#][#] to list waitlist sections

CANCEL TRANSACTION:
To cancel an entry before the [#] is pressed enter [*][*][#]. You may then reenter your request.

RETURN TO MAIN MENU:
[9][#][#]

THERE IS MORE MARS INFORMATION ON THE NEXT PAGE

MARS II

WAITLIST INFORMATION

USING THE WAITLIST

The waitlist is a roster of students who are waiting for a seat to become available in a closed course. The waitlist stores names in order of request, on a first come, first served basis, to allow access to seats as drops are processed. Students can waitlist courses by using MARS or in-person. Waitlist information and Check-In procedures are outlined below.

Waitlisting with MARS: When attempting to add a closed course, and a waitlist is available, MARS will offer the waitlist option. If this option is selected, you will be placed on the waitlist for the closed section. Additionally, you will be prompted to enter up to five more waitlist sections. Be sure to use the section INDEX NUMBER. Listen carefully, MARS will give information about the MANDATORY and REGULAR CHECK-IN dates. Make note of these important dates.

When following this procedure to place a request on the waitlist, normal registration blocks are enforced. For example, if the desired waitlisted course conflicts in time with an existing added course MARS will prevent you from waitlisting the course. See WAITLIST FEATURE at the bottom of this page for details on how to use MARS to temporarily override these blocks.

Waitlisting in Person: If a course is closed and a waitlist is available you will be offered the option of being placed on a waitlist. You may waitlist up to six sections of a course. Mandatory Check-In and Regular Check-In dates will be noted on your Schedule Request/Adjustment form. *You are required to check-in beginning on these dates to remain on the waitlist.* Please retain this information.

WAITLIST CHECK-IN

To remain on the waitlist students must Check-In on the designated date for MANDATORY CHECK-IN and return DAILY (once a day), for the REGULAR CHECK-IN PERIOD. Students can check-in by calling MARS or in person at the Registration Center (Room 1130 Mitchell Building) during the Mandatory and Regular Check-In periods. Check-in may also be held on the main floor of the Reckord Armory at the beginning of the semester. See the Second Edition of the Schedule of Classes for check-in times and locations.

MARS Check-In: MARS waitlist data is transferred daily from the on-line registration system. When students check-in, MARS captures the Student Identification number and it is stored in a file. In the evening, this file is transferred to the on-line registration system. Updated course schedules with received waitlist courses are available the following day. If you place yourself on a waitlist, this information will not be available in MARS waitlist check-in until the following day.

MARS gives a MANDATORY CHECK-IN DATE when students are initially placed on a waitlist. This date is usually the first working day prior to the first day of classes. You must check-in (call MARS Waitlist Check-In) on the MANDATORY CHECK-IN DATE, and call daily thereafter until the course is received. To Check-In using MARS follow steps 1- 4:

1. Call MARS at 403-0500
2. Press 2 for Waitlist Check-In
3. Enter your Student Identification Number (usually your social security number)
4. Enter your PIN (Personal Identification Number)

MARS will either indicate that a specific course was added to your schedule, or that you are still waiting for the course. If the course is received, MARS will confirm that the course was added to your schedule. NOTE that when a course is received from the waitlist it is added to a student's schedule the following day. You may wish to call MARS the next day and list your schedule to verify that the add was processed.

If you have not received the course, and are still on the waitlist, MARS will give your waitlist position and the next mandatory check-in date. MARS wll also provide a confirmation number. This number is your assurance that you called MARS for Waitlist check-in that day. Remember, to remain on the waitlist you must check-in daily once classes begin.

MARS Waitlist Status: You can check the status of a waitlisted course beginning the day after you register. Call MARS and select Waitlist Check-In from the MARS menu. MARS will list any courses you have received from the waitlist and your waitlist/holdfile position for the section you have not received.

Conflicts: If you call MARS and receive a course from the waitlist which creates a time conflict or causes your schedule to exceed the number of allowable credits, etc., you MUST adjust your schedule by 4:30 p.m. of the following workday. You can use MARS Registration/Schedule Adjustment, come in to the Registrations Office, or call the MARS Helpline (314-1600). If you do not adjust your schedule, a drop will be processed on the course you received from the waitlist.

WAITLIST INFORMATION

1. **You must check-in once a day, either by calling MARS, or in-person, during the specified period, to remain on the waitlist. Students that do not check-in will be removed from the waitlist.** If a section has already been assigned, the section will be given to the next eligible student.
2. Not all departments offer waitlists for their courses. It is the decision of the department whether or not to offer a waitlist. Some departments have two waitlists - one for eligible majors and one for special populations determined by the department. In those departments where two waitlists are kept, be aware that eligible majors have priority.
3. It is recommended that you complete your schedule with alternative course choices. **BEING PLACED ON A WAITLIST DOES NOT GUARANTEE THAT YOU WILL BE SECTIONED INTO YOUR DESIRED COURSE.**
4. To be eligible for the waitlist you cannot be registered for any other section of the desired course. If you are currently registered for any other section of the course, you must drop that section before you can be placed on the waitlist. If you remain registered for another section of the same course at the time you waitlist, you will be removed from the waitlists.
5. You may select up to six (6) sections of a course. The first section to become available will be assigned to you by the computer. Since you will now be registered for a section, your name will be removed from the waitlist for that course. If you subsequently refuse the assigned section, that section will be given to the next person waiting for it. You may, at that time, request to be **PLACED AT THE END OF THE WAITING LIST FOR ANOTHER SECTION.**
6. Once you have been placed on a waitlist for a specific course you cannot add any additional sections to the waitlist for that course at the same position. If you later decide to add additional sections they can be added to the end of the waitlist.
7. Students stand a better chance of receiving a course by waitlisting as many sections as possible. However, when waitlisting multiple sections of a course, you should be sure each section fits your schedule unless you plan to drop the course that conflicts with the waitlist section at the time the section is received.
8. Problems resulting from courses received from the waitlist that conflict with a student's schedule must be resolved. Time conflicts cannot remain on a student's schedule without permission from the student's college.
9. If new sections are opened with exact meeting times to those sections selected, you will be scheduled for the new section by the waitlist processor.
10. Waitlist activity will end the last day of the Schedule Adjustment Period.
11. Students who receive courses from the waitlist prior to the beginning of the semester may receive information from the Registrations Office regarding phone-in procedures. Students eligible to use MARS, are encouraged to call MARS for waitlist check-in.

WAITLIST FEATURE (7 # # ON MARS)

Waitlisting a course that conflicts in time with another course or waitlisting a course that if received, would allow a student to be enrolled in credits above the maximum credit restriction requires a student to use the Action Code 7 # # while in Registration/Schedule Adjustment.
This procedure only allows an override on the registration blocks for waitlisted courses. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course.
Additionally, 7 # # allows students to drop a section of a previously waitlisted course, and provides a listing of waitlist courses.

ADDING A COURSE TO THE WAITLIST:

1. Uses Waitlist Action Code - 7 # #.
2. Press Action Code 2, INDEX NUMBER, # #

The course/section has now been added to the waitlist. Listen carefully, you will be prompted to waitlist 5 additional sections if you so desire.
The processor will warn you when there are registration blocks associated with your waitlist requests. These will be overridden by the processor. If you receive the course, you MUST resolve the problem by 4:30 p.m. of the following workday to comply with University policy. Failure to adjust your schedule will result in the received class being dropped.

DROPPING A COURSE FROM THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 3, INDEX NUMBER, # #. The exact course/section has been deleted from your waitlist record.

OR

Press Action Code 3, # #. *MARS* will list all your waitlist courses/sections. Listen carefully. The system will prompt you to drop the desired waitlist course/section.

LISTING WAITLIST COURSES:

1. Use Waitlist Action Code - 7 # #. 2. Press Action Code 5, # #. *MARS* will list your waitlist courses/sections and position number. If you receive a course from the waitlist you must still reconfirm your request. To reconfirm and receive the course go back to the MARS main menu, select Waitlist Check-in (press 2) and follow instructions.

	ACTION CODE			ACTION CODE		INDEX NUMBER						
ADDING A COURSE TO WAITLIST	PRS 7	#	#	ABC 2		___	___	___	___	___	#	#
DROPPING A COURSE FROM WAITLIST	PRS 7	#	#	DEF 3		___	___	___	___	___	#	#
OR	PRS 7	#	#	DEF 3	#	#	to be prompted for dropping waitlist sections					
LISTING WAITLIST COURSES	PRS 7	#	#	JKL 5	#	#						

12 REGISTRATION

INTER-INSTITUTIONAL REGISTRATION/CONSORTIUM OF UNIVERSITIES

Inter-Institutional Registration Procedures

Undergraduate students have the opportunity to take courses at other University of Maryland System Institutions (host institution) to augment their degree program at UMCP (home institution) under the Concurrent Inter-Institutional Registration program. Students may take courses at the system schools listed below provided they meet requirements of the program.

System Institutions Include:

Bowie State University
Coppin State College
Frostburg State University
Salisbury State University
Towson State University
University of Baltimore
University of Maryland at Baltimore
University of Maryland Baltimore County
University of Maryland College Park
University of Maryland Eastern Shore

NOTE: Inter-Institutional Concurrent Registration is not available at University College for UMCP Students.

Program Requirements:

To participate in the program UMCP students must:

a. be in good academic standing

b. be enrolled full-time in a degree program at College Park for the semester in which the course(s) are taken. Full-time status is defined as a combination of credits taken at College Park, and the request for registration at the host institution.

c. have approval from their dean for the course to count as resident credit

d. comply with the host institution's registration procedures and deadlines

Enrollment in courses is on a space available basis and visiting students are expected to meet prerequisites or other criteria set by the host institution. Tuition and fees are paid at the home institution, however, fees at the host institution associated with special courses may be assessed.

Registration Procedures:

1. Obtain an Inter-Institutional Registration form from the Special Programs Coordinator in Room 1108 Mitchell Building.
2. Complete form and have course approved by your college dean.
3. Return form to Special Programs Coordinator for verification and approval. Retain a copy of the approval form for registration at the host institution. (The Special Programs Coordinator can provide information about registration dates and times at other University of Maryland System institutions.)
4. Contact the program coordinator/registrar at the host institution to inquire about and arrange for registration. Registration will be according to the host's institutional policies and deadlines. Special permits, parking or other fees at the host institution are the responsibility of the student.
5. Upon completion of the course, the host institution will forward an official transcript to the home institution reflecting the grade(s) earned in the course(s) taken there. Records and Registrations will post the grade(s) to the student's record and note that the course(s) were taken as part of the Inter-Institutional program, and where. Course grades will be calculated in the student's g.p.a. and academic totals at UMCP.

Complete procedures can be found on the University of Maryland System, Application for Inter-Institutional Enrollment form available from Jane Graham, Special Programs Coordinator, Room 1108, Mitchell Building, 301-314-8239.

CONSORTIUM OF UNIVERSITIES OF THE WASHINGTON METROPOLITAN AREA

The Consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland at College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduate or undergraduate student may participate in this program according to the following stipulations.

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.

b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for UMCP Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other Consortium schools.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at UMCP may not be taken through the Consortium.

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at UMCP may not be taken through the Consortium. The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for UMCP Students

1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to Consortium students and if there are any special conditions, e.g., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the Consortium coordinator in the UMCP Registration Office, Room 1108 Mitchell Bldg. 314-8239 to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMPC Consortium coordinator. Permission will not be granted if a comparable course is offered at UMCP.
4. Pass/Fail or audit grading options are not permitted for Consortium courses.
5. A Consortium Registration Form will be filled out with the Consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the Consortium coordinator at UMCP.
9. UMCP course change deadline apply for students visiting other Consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.
11. Courses taken for credit through the Consortium in the student's final thirty hours must have prior approval from the student's college dean.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

Only the following George Washington University, NROTC courses will apply to UMCP degrees.

NS 051 Introduction to Naval Science (2 credits)
NS 126 Seapower in Maritime Affairs (3)
*NS 150 Navigation (3)
NS 160 Evolution of Warfare (3)
NS 175 Leadership and Management I (3)
NS 176 Leadership and Management II (2)

*Prior to Fall 1987 NS 150—Navigation is not applicable for UMCP degree programs.

B. Procedure for Visiting Students

Students from other Consortium schools may register for University of Maryland at College Park courses on a space available basis beginning with the first day of classes, January 18, 1994 for the Spring 1994 semester. Visiting Consortium students are not eligible to register for Instructional Television courses or professional education courses.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to special UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see "How to Read Course Listings." Visiting students must register at both their home campus and at UMCP.

1. Contact the UMCP Consortium coordinator on 314-8239, room 1108 Mitchell Bldg.
2. Fill out UMCP Schedule Request form with requested courses.
3. A visiting student cannot audit any UMCP courses.
4. Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.
5. The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
6. If the course is cancelled, or if you change or drop the course, immediately contact the Consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	January 10
Catholic University	January 13
Gallaudet University	January 18
George Mason University	January 24
George Washington University	January 10
Georgetown University	January18
Howard University	January 10
Marymount University	January 12
Mount Vernon College	January 10
Trinity College	January 19
University of the District of Columbia	January 18
University of Maryland at College Park	January 18

REGISTRATION 13

DEADLINES FOR ALL STUDENTS

Spring 1994 Deadlines Type of Change	Last Day to Process Change
ADD A COURSE	JANUARY 31
CANCEL REGISTRATION for Spring 1994	JANUARY 14
CANCEL RESIDENT LIFE (ON CAMPUS) HOUSING/DINING SERVICES (without cancellation charges)	NOVEMBER 23
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates for billing purposes)	see penalties for Drops page 14
CHANGE CREDIT LEVEL	JANUARY 31
DIPLOMA APPLICATION for May 1994 Graduation and diploma dated May 1994	JANUARY 31
DROP A COURSE (Full-time Undergraduates Only) *without "W" mark *with "W" mark (4 credit drop limit)	 JANUARY 31 APRIL 14
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	see penalties for Drops page 14
CHANGE GRADING OPTION	JANUARY 31
GRADUATE MAIL-IN REGISTRATION	JANUARY 3
GRADUATE STUDENTS-LAST DAY TO ADJUST SCHEDULE Graduate students do not receive "W"s. They must have a department stamp to add courses after 1/31/94.	APRIL 4
LATE REGISTRATION	JANUARY 31

Withdraw From All Courses	Last Day
WITHDRAW WITH 100% REFUND (CANCEL)	JANUARY 14
WITHDRAW WITH 80% REFUND	JANUARY 31
WITHDRAW WITH 60% REFUND	FEBRUARY 7
WITHDRAW WITH 40% REFUND	FEBRUARY 14
WITHDRAW WITH 20% REFUND	FEBRUARY 21
WITHDRAW WITH 0% REFUND	MAY 9

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL.
SEE PAGE 17 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., JANUARY 31, 1994

* a "W" is used to indicate withdrawal from a course in which the student was enrolled at the end of the Schedule Adjustment Period. This mark is NOT used in any computation of quality points or cumulative average totals at the end of the semester.

14 REGISTRATION

CANCELLATION/REFUNDS/GRADUATION

Cancellation of Registration

Students who register and later decide not to attend the University must CANCEL their registration by JANUARY 14, 1994. Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before January 14, 1994:

1. Your cancellation request must be received in writing by:

   Office of Registration—Rm. 1130
   Mitchell Building, University of Maryland
   College Park, Maryland 20742
   or FAX to 301-314-9568

Since the University can honor only those requests for cancellation which are actually received by January 14, 1994, requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S IDENTIFICATION NUMBER ON ALL CORRESPONDENCE

2. For additional information concerning cancellation call the Registration Office at 314-8218.
3. Cancellation of Housing and Dining Services is a separate process. See page 17 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, JANUARY 14, 1994 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to 8 or less, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to 9 or more, the student will be charged for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, JANUARY 18-24, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time tuition and fees and appropriate part-time charges. After the first five days of classes, there is no refund for changing from full-time to part-time status.

Refund Schedule for Drops Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 14, or earlier (prior to the first day of classes) ..... 100% refund.
   There will be no charge for courses dropped prior to this date.
2. January 18-24 (First five days of classes) ..... 80% refund.
   There will be a 20% charge imposed for courses dropped during this period.
3. January 25 and after ..... 0% refund
   Student will incur full charge for courses dropped during this period.

To insure additional charges are not imposed when dropping and adding, the transactions must be accomplished on the same day and the total number of credits dropped and added must be equal.

Candidates for May 1994 Graduation

Deadline to apply for a diploma dated May 1994 ..... January 31, 1994

Both graduate students and undergraduate students must file an application for a diploma dated May 1994 in the Registration Office by January 31, 1994.. Applications are available at the Registration Office Counter, 1st Floor Lobby, Mitchell Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely application for In-State Status. The deadline for meeting all requirements for in-state status and for submitting an application and supporting documentation is the last day of late registration for the semester you wish to be classified as an in-state student.

Deadline for Spring 1994 ..... January 31, 1994

It is imperative that students who wish to request a review of the eligibility for in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of a complete application including all necessary documentation. It is to your advantage to apply early. Late applications will not be accepted.

Applications for review of eligibility, related documentation and questions concerning the University of Maryland policy for the determination of in-state status should be directed to:

Residency Classification Office
Room 0405B
Marie Mount Hall
405-2030

Refunds for Special Courses

COOP 098/099, MATH 001, MATH 002—Refunds: A part-time or full-time undergraduate who drops MATH 001 or MATH 002 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% or thereafter. MATH 001 or MATH 002 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy. A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To obtain a refund from your student account you must apply in writing. This can be done by either: (1) addressing a letter to the Office of The Bursar, Lee Building; University of Maryland, College Park, MD 20742, or (2) visiting the office in person: Student Accounts, Lee Building, Room 1135, 8:30 a.m. to 4:30 p.m., Monday through Friday. No credit balance is automatically refunded.

Refunds from payments originally made by cash are ordered from the State Treasurer's Office in Annapolis. They are made payable to the student and take approximately 3 weeks after the credit appears on the account to be mailed to the students permanent address of record. Students with a credit balance of $100.00 or less may be entitled to a cash refund. Please visit our office with an identification card to obtain the cash refund voucher.

Refunds from payment originally made with a credit card must be refunded to the card originally charged, Credit card refunds are processed electronically and take approximately 1 week after the credit appears on the account. Please include your credit card number and expiration date in your request. A credit receipt will be mailed to the address listed on the refund request.

TUITION, FEES AND OTHER EXPENSES

Fees for Spring Semester 1994

An Important Fee Notice. Although changes in fees will be ordinarily announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees- **(*Includes mandatory fees)**

[1]Full-Time Undergraduate Students, Maryland Residents 1,589.50
[1]Full-Time Undergraduate Students from The District of Columbia and all other states and other countries 4,391.50

PART-TIME UNDERGRADUATES- **(In State and Out-Of-State enrolling for 8 credit hours or less) $145.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8
*COST	299.00	444.00	589.00	734.00	879.00	1024.00	1169.00	1314.00

GRADUATE IN-STATE- **$189.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	333.00	522.00	711.00	900.00	1089.00	1278.00	1467.00	1656.00	1916.00	2105.00	2294.00	2483.00	2672.00

GRADUATE OUT-OF-STATE- **$324.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	468.00	792.00	1116.00	1440.00	1764.00	2088.00	2412.00	2736.00	3131.00	3455.00	3779.00	4103.00	4427.00

*Includes all mandatory fees

CAMPUS POINT PLAN ..... Lite 922.00
Regular 1092.00
Plus 1192.00
Room, University Residence Hall. Maryland Residents/Non-Residents 1,409.50
Telecommunications Fee 70.00
Parking Registration Fee (Valid Through August 1994) ..... Campus Resident 48.00
Commuter 26.00
Special Mathematics Fee (MATH 001/002) 155.00
Special Engineering Fee (ENCO/009) ..... 60.00[3]
Special COOP Fee (COOP/099) ..... 60.00[3]
Continuous Registration Fee (Doctoral Candidates) 10.00
Late Registration Fee (Beginning January 18, 1994) 20.00
Credit by Exam Fee:
All Undergraduate and Full-Time Graduate Students (per course) 30.00
Part-Time Graduate Students (per credit hour) ..... See Above
Audit courses are charged the same as a course taken for credit ..... See Above
Maryland English Institute-Intensive 3131.00
Maryland English Institute-Semi Intensive Program 1566.00
Maryland English Institute-Pronunciation Program 265.00
Maryland English Institute-Fluency Program 530.00
ORIENTATION FEES:
Student One Day 61.00
Student Two Days 88.00
One Parent 32.00
Two Parents 64.00

[1]For billing purposes, Undergraduate Full-Time Status is defined as a registration for 9 credits or more
[2]A Student who has been admitted to the Graduate School will be charges the Graduate Credit Hour fee for all courses regardless of the level of the course
[3]A $18.00 fee will be charged for special course registration

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE SPRING SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY.
Financial policy and fees are set by the University with the approval of the Board of Regents.

TUITION PLAN

The University currently sponsors two payment plans for use in paying tuition, room, board and telecommunication fees: The MONTHLY BUDGET PROGRAM permits payment for the entire academic year to be spread out in 10 equal monthly payments beginning June 1. Enrollment is closed for the 93-94 academic year. Enrollment for 94-95 will open in April 1994. There is an annual $50.00 non-refundable participation fee for enrolling in the program but there are no interest or finance charges connected with this plan. In the event two consecutive payments are missed (45 days past due) the account will be terminated and the balance immediately due and payable to the University. Once terminated, an account cannot be reinstated. The semester THREE PAYMENT PLAN allows students to divide payment of tuition, room, board and telecommunication charges for a semester into three payments, the first 1/3 due at the time of enrollment, with subsequent payments due March 1 and April 1. In addition to a $20.00 participation fee EACH semester, this plan includes additional carrying charges. The total costs associated with the THREE PAYMENT plan are as follows:

TOTAL BILL	TOTAL COST
$1000-1500	$ 25
$1501-2000	$ 30
$2001-2500	$ 40
$2501-3000	$ 50
$3001-3700	$ 60
$3701-4500	$ 70
$4501-5300	$ 80
$5301 and above	$ 90

NOTE: Only current year tuition, room, board and telecommunications charges are eligible for the 10 payment plan. PREVIOUS SEMESTER BALANCES AND CHARGES INCURRED DURING THE SEMESTER UP TO A MAXIMUM OF $500 ARE ELIGIBLE FOR THE 3 PAYMENT PLAN.
Questions about the payment plans can be directed to the TUITION PLAN at 1-800-343-0911.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and the service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.
PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS CAN ONLY BE ACCEPTED BY CALLING THE BURSAR'S VOICE RESPONSE SYSTEM AT 403-4641.
Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1135 of the Lee Building, or by phoning 405-9041, if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:30 p.m. Monday through Friday. Students may also obtain their account balance by phoning 403-4641 from a touchtone telephone.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustment, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing and sent to the Office of the Bursar. It is emphasized that any portion of the bill not in dispute must be paid in accordance with the due date on the bill.
All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.
The state has established, under legislative mandate, a CENTRAL COLLECTION UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit. ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.
Collection Costs: incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer past due accounts to the State Central Collections Unit. The minimum collection fee is 17% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.
NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND. NO DEGREE WILL BE CONFERRED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $26.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged $10.00. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.
The Student Activities Fee: Refundable upon withdrawal. $23.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates are charged a fee of $12.00. Graduate students are charged a fee of $2.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.
The Athletic Fee: Refundable upon withdrawal. $75.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduate and all Graduate Students are charged $20.00. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.
The Student Health Fee: Refundable upon withdrawal. $34.50. Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $23.00. The Student Health Fee is charged for the support of the Health Service facility. Charges for special services (X-rays, prescription, etc.) are due when received.
The Shuttle Bus Fee: Refundable upon withdrawal $28.00 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $14.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.
The Stamp Union and Recreational Fee: Refundable upon withdrawal $72.50 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $37.00 The Stamp Union and Recreation Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.
The Building Recreation Fee: Refundable upon withdrawal. $30.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $20.00. The Building Recreation Fee is paid into a fund which supports the construction and operation of Ritchie Coliseum and the new Campus Recreation Building.
The Academic Services Fee: Non-Refundable. $18.00 — The Academic Services Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of the Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.
Undergraduate Application Fee: $30.00 — Charged to all new Undergraduate Applicants. Those who have previously enrolled at the University of Maryland at College Park will not be required to pay the fee.
Graduate Application Fee: $40.00 required of all students.
Pre-College Orientation Program Registration Fee: $88.00 (two day program) $32.00 (one parent)
61.00(one day program) $64.00 (two parent)
Late Registration Fee: $20.00. All students are expected to complete their registration before the first day of classes. Those who do not complete their initial registration prior to the first day of classes will be assessed this fee.
Special Fee for students requiring additional preparation in Mathematics. MATH 001 or MATH 002 — 155.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail a qualifying examination for these courses.)
A student enrolled in MATH 001 or MATH 002 concurrently enrolled for six or more credit hours will be considered as a full-time student for purpose of assessing fees. Students taking only MATH 001 or MATH 002, pay for three credits plus the special fee. A 3-credit course plus MATH 001 or MATH 002 results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.
Cooperative Education Program in Liberal Arts and Business (COOP 099): $60.00 each
Engineering CO-OP Program (ENCO 099): $60.00 each
Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.
Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.
Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students.
Vehicle Registration Fee: Commuters $26.00. Residents $48.00 (Fees are subject to change). Fee is required of all students registered for classes on the College Park Campus and who drive on campus.
Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $275.00 per semester.
Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.
For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.01: $50.00
When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made. When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.
Library Charges: $ .35 - Fine for failure to return a book from General Library before expiration of loan period per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day:$.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of book, satisfactory restitution must be made.
Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.
Property Damage Charges: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage will be pro-rated among the individuals involved.
Late Payment Fee: Students who fail to pay the balance due on their account are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

16 FINANCIAL

FINANCIAL AID INFORMATION

1993-94 Academic Year

To be considered for any type of financial aid for the 1993-94 academic year, including student loans, you must file the 1993-94 Free Application for Federal Student Aid (FAFSA), available from the Office of Student Financial Aid (OSFA). Applications received by February 15, 1993 received priority consideration for 1993-94 financial aid. **In order for financial aid funds to be available for Fall 1993 registration, the FAFSA had to be filed no later than June 1, 1993.**

Spring 1994

In order for funds to be available at the time of spring registration, the FAFSA must have been filed no later than October 1, 1993. Students who have already filed a FAFSA for fall aid do not need to file a second one for spring; however, students must file a new FAFSA each academic year.

1994-95 Academic Year

To apply for financial aid for the 1994-95 academic year students must file the free application for student aid by February 15, 1994. Applications will be available beginning December 1, 1993 at the public enquiry counter, 0110 Lee Building.

General Regulations Governing Receipt of Aid

Any student receiving financial aid who is contemplating dropping credits should see his or her Financial Aid Counselor before taking such action. Students receiving certain types of financial assistance are expected to attempt or maintain a minimum semester credit load in order to keep the full aid award (see the *Financial Aid Award Guide* for specifics). Neither credit earned by examination nor courses taken as "audit" can be counted toward the minimum credit level. If the recipient's enrollment level drops below the minimum requirement, the aid is automatically reduced or canceled. The student is then responsible for paying any resulting balance on his or her student account. Failure to pay the balance in a timely manner may lead to assessment of late fees and finance charges, or to severance of services by the University.

A student who has not received final approval of a financial aid award and accepted the award should expect neither a credit on his or her account nor a check at the time of registration. Unless financial aid has been awarded to and accepted by the student, no deferment of the bill will be granted, and the student should be prepared to pay his or her bill by the first day of classes.

Students sponsored by an agency or employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Students who register early will have their bills mailed to them. Students enrolling during Walk-In Registration will complete an estimated bill form at registration time. The following information may be helpful:

1. All accepted aid, except Federal Stafford Loans (subsidized and unsubsidized), Federal SLS Loans, Federal PLUS Loans, Federal Work-Study, and National Merit Scholarships, will be credited directly to the student's account when the student has completed all paperwork to accept the award (see below). Checks for any credit remaining on the account after all charges are paid will be automatically requested for those students receiving financial aid. ALL STUDENTS MUST MAKE APPOINTMENTS TO PICK UP FINANCIAL AID REFUND CHECKS. APPOINTMENTS MAY BE MADE BY CALLING 403-4641 or 405-9025. Checks will be held at the Office of the Bursar, Room 1118, Lee Building. Before checks may be distributed, students must present proof of registration for the required credit hours, a photo ID card or driver's license, and the current bill sent to their permanent address. If awarded financial aid has not been credited on the early registration bill, deduct the approved and accepted financial aid amount for the semester, and pay the remaining balance.
2. Federal Stafford Loan and Federal SLS Loan checks may be picked up at the Office of the Bursar, Room 1118, Lee Building. **ALL STUDENTS MUST MAKE APPOINTMENTS TO PICK UP LOAN CHECKS. APPOINTMENTS MAY BE MADE BY CALLING 403-4641 or 405-9025.** Before checks may be distributed, students must present proof of registration for the required credit hours, a photo ID card or driver's license, and the early registration bill, if applicable.
3. Dining Hall Workships will be credited to the bill after the recipient signs a Workship contract with Dining Services.
4. Federal Work-Study and other university student employment will be paid to the student bi-weekly as work is performed.
5. Students who are awarded Federal Perkins Loans must sign promissory notes and associated forms each semester in order for the loan funds to be credited to their student accounts. The funds cannot be disbursed if the student has not completed these forms. Students who have accepted Federal Perkins Loans will be contacted by the Office of the Bursar regarding dates and times of promissory note signing sessions, which the student must attend in person each semester.
6. **Students contemplating a withdrawal should consult a Financial Aid Counselor prior to the withdrawal. Aid may be canceled or prorated based on attendance.**

Satisfactory Academic Progress Policy for Financial Aid

The Office of Student Financial Aid is required by federal and state regulations to monitor the academic progress of potential and current financial aid recipients. Applicants must comply with the Satisfactory Academic Progress Policy as a condition of initial or continuing eligibility. The policy described below is new, and became effective September 1, 1993.

Financial aid programs which are affected by the Satisfactory Academic Progress Policy include (but are not limited to) Federal Pell Grant, Federal SEOG, Federal Work-Study, Federal Perkins Loan, the Federal Family Education Loan Programs (Stafford, SLS, and PLUS), UMCP, Frederick Douglass, and Undergraduate Grants, and Maryland General State, House of Delegates, and Senatorial Scholarships.

Satisfactory Academic Progress for undergraduates is measured in three areas. These areas consist of maintenance of an adequate grade point average, successful completion of a required number of credits per year, and receipt of a degree in a timely manner. Applicants must maintain compliance in all three areas in order to be eligible for financial aid programs. The specific policy requirements of each area are listed below.

1. *Minimum Grade Point Average*

Undergraduate students must maintain the required grade point average necessary to continue as degree candidates at the University of Maryland at College Park. Therefore, they must maintain an academic standing consistent with the university's Retention Policy as defined by the Registrar and outlined in the Undergraduate Catalog.

Students who are on "Academic Warning" due to their GPA may receive aid. Should a student fall to "Academic Dismissal" status, he or she will be considered ineligible for financial aid until readmitted through the Re-enrollment Office.

2. *Minimum Credit Requirement*

The Minimum Successful Credit Completion Requirement is dependent upon the undergraduate student's enrollment level (full, three-quarter, half, or less-than-half time) at the end of the Schedule Adjustment period. Courses which are dropped during the semester for a "W" do not lower enrollment level. These requirements are in effect for the regular fall and spring semesters.

Full-time: (12 or more credits through Schedule Adjustment)

Students are required to successfully complete a minimum of ten credits (10) per semester of full-time enrollment.

Three-quarter-time: (9 to 11 credits through Schedule Adjustment)

Students are required to successfully complete a minimum of eight credits (8) per semester of three-quarter-time enrollment.

Half-time: (6 to 8 credits through Schedule Adjustment)

Students are required to successfully complete a minimum of five credits (5) per semester of half-time enrollment.

Less-than-half-time: (below 6 credits through Schedule Adjustment)

Students are required to successfully complete all of their attempted coursework.

What counts and what does not

Successful credits which do count toward the Minimum Credit Requirement are those courses graded with "A", "B", "C", "D", "S", or "P". Withdrawn ("W" grades), Incomplete ("I" grades), No Grade ("NG" grades), Fail ("F" grades), Unsatisfactory ("U" grades) and Audit courses do not count toward the Minimum Credit Requirement. Non-credit remedial courses do count toward the Minimum Credit Requirement, provided that the classes are required for the student's degree program. Repeat courses do not count if the classes are taken to improve passing grades, but do count if the classes are taken to replace failing grades.

Identification and handling of violators

Probation: At the end of each academic year, a report will be requested from the Records Office which will indicate the progress of all university students. Students who show a deficiency in the Minimum Credit Requirement will be notified that they have been placed on Satisfactory Academic Progress Probation. This notification will be mailed to students before the next fall semester's early registration period.

If a student is placed on Probation, he or she will be allowed to receive financial aid for the next academic year. During the probationary year, the student must make up the previous year's deficiency in addition to meeting the Minimum Credit Requirement for that year. Students who fail to both make up the deficiency and meet the Minimum Credit Requirement in the probationary year will be placed on Satisfactory Academic Progress Suspension.

Suspension: A student whose eligibility has been suspended may not receive assistance until he or she makes up the full credit deficit from the probationary year at his or her own expense. He or she must also successfully complete the normal Minimum Credit Requirement for his or her enrollment level in the term(s) while he or she is suspended. When the student has made up the deficiency while meeting the Minimum Credit Requirement, he or she may petition to the Office of Student Financial Aid for eligibility reinstatement.

Summer enrollment

The combination of both summer sessions is regarded as one term of enrollment. Credits attempted in the summer sessions will count toward the Maximum Time Frame (defined below), but the sessions have no Minimum Credit Requirement. Credits which are successfully completed during the summer sessions may only be used to correct a previous year's credit deficiency, not to get ahead on the following academic year's Minimum Credit Requirement.

Appeals

If a student is placed on Probation, he or she does not need to appeal, because financial aid eligibility has not been revoked. Provided the student successfully makes up the previous year's credit deficiency and completes the minimum number of credits required in the next year of enrollment, he or she will automatically be taken off Probation.

OSFA has an appeal process that should be followed if there were extenuating circumstances that caused the violation of the Minimum Credit Requirement. Extenuating circumstances are defined as environmental conditions that are outside of the student's control. Any extenuating circumstance should be referenced with third-party documentation. Applications for a Satisfactory Academic Progress Appeal are available from the Public Inquiry Counter or from the Financial Aid Counselors.

3. Maximum Time Frame

Undergraduate students must earn their degree, regardless of their program of study, within their first one hundred-fifty (150) attempted credit hours. Students who have not earned a degree within their first 150 attempted credits, whether they received financial aid or not, must attempt any additional credits at their own expense.

Transfer credits

Students who transfer to the university will have the transfer credits that fulfill their UMCP degree requirements count toward the Maximum Time Frame limit. Students who transfer a large number of credits to UMCP will have no more than sixty credits count toward the Maximum Time Frame.

Identification and handling of violators

During each semester a report will be requested to evaluate students' compliance with the Maximum Time Frame. Those individuals with 150 or more attempted credits will be sent a letter explaining that they will not be eligible to receive financial aid once the current semester is completed.

Violators of the Maximum Time Frame cannot receive traditional financial aid until they successfully complete their current degree programs and become accepted into new programs.

Appeals

There is very little flexibility in the Maximum Time Frame. However, students who feel that their individual circumstances warrant review should make an appointment to speak with their Financial Aid Counselor for advice on how to appeal.

Questions

Students who have questions regarding this new policy for Satisfactory Academic Progress for financial aid eligibility should contact their Financial Aid Counselors.

BILLING INFO/TUITION REMISSION POLICY/WITHDRAWAL

Billing Information

Bills for payment of fees are mailed in December and January to students who have registered prior to January, 8 1994 for Spring courses. PAYMENT IN FULL MUST BE MADE NO LATER THAN JANUARY 28, 1994 BY ALL REGISTERED STUDENTS. Accounts not paid by January 28, 1994 are delinquent and subject to the assessment of a late payment of $10.00 or 5%, whichever is higher, and referral to the State Central Collections Unit in Baltimore and/or cancellation of registration. Students with Stafford Loans must pay their bill in full in the event their loan check has not been received by the University by January 28, 1994.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:30 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check may drop the payment in the Bursar's Mail Remittances hallway drop slot in the Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. PHONE-IN PAYMENTS CAN BE MADE BY CALLING 403-4641.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after January 7, 1994 will be required to make full payment in person to the cashier by January 28, 1994 (tentative) to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, PHONE PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions about their bills may obtain print-outs of their financial accounts by coming to Room 1135 of the Lee Building between 8:30 a.m. and 4:30 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collection Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN ADDING A LATE PAYMENT FEE OF $10.00 or 5%, WHICHEVER IS HIGHER PLUS A 1.5% MONTHLY FINANCE CHARGE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 17% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLECTION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THIS STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Tuition Remission Policy
(Spouse and Dependent Children)

The University Board of Regents approved a tuition remission policy in 1990 for spouse and dependent children of permanent employees (50% time or more). The policy provides full tuition for a spouse and dependent children of permanent full time (100%) employees. The spouse and dependent children of permanent part-time (50% or more) employees will be eligible for tuition remission based on the percent of time on the payroll. Restrictions apply for spouse and dependent children of permanent employees hired on or after January 1, 1990. In addition, tuition remission benefits for the spouses and dependent children of permanent faculty and permanent staff whose period of employment began on or after July 1, 1992 shall be available only after the faculty or staff member has been in the university services for two years prior to the anticipated date of registration for course work. Forms are available at each campus personnel department. If using the benefit at UMCP, after obtaining the department head signature, the completed tuition remission form is to be hand carried, in a sealed envelope to the UMCP Personnel Services Department Staff Benefits Office no later than December 1, 1993. If the established cap has not been reached by December 1, 1993, all forms submitted to-date will be approved, and forms will continue to be accepted and processed on a first-come, first-served basis until the cap is reached. If the student receiving the tuition remission drops classes or withdraws from the University, all or part of the tuition costs may be charged to the student. Questions regarding tuition remission for the spouse and dependent children of employees can be directed to the Personnel Services Department Staff Benefits Office, 405-5654.

Withdrawal from the University
Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Residence Halls/Dining Services below.

January 18 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. The $18.00 Academic Services Fee is not refundable. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses

		Undergraduate Resident	Undergraduate Non-resident
On or before January 14	100%	1589.50	4391.50
January 18-31	80%	1257.20	3498.80
February 1-7	60%	942.90	2624.10
February 8-14	40%	628.60	1749.40
February 15-21	20%	314.30	874.70
February 22 and later	0%	0.00	0.00

NOTES: 1. Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

2. In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.
3. Only amounts in excess of the non-refundable enrollment deposit will be refunded.

Cancellation of Residence Halls/Dining Services Agreement

The University will release a student from the *Residence Halls/Dining Services Agreement* prior to claiming services (i.e., keys issued) when written notice has been received by Resident Life's Assignments Office. Please refer to the Agreement section IV(D) for more information about deadlines and cancellation fees, or contact Resident Life's Assignments Office (301)314-2100.

Cancellation of the *Residence Halls/Dining Services Agreement* must be sent directly (Certified Mail suggested) to:

Resident Life Assignments Office
2100 Annapolis Hall
College Park, MD 20742-9123

Note: The $100 Non-Refundable Housing Reservation Fee will not be returned or credited to any outstanding balance owed to the campus.

After a student claims services (i.e., keys issued), charges for housing, dining and resident telecommunications are not refundable unless the student receives written approval for and effectively completes Resident Life and/or Dining Services release procedures as stated in the *Residence Halls/Dining Services Agreement* or the *Procedures for Release from the Agreement* document.

1. The *Residence Halls/Dining Services Agreement* is for the entire academic year. Therefore, the University will not normally release an individual from the *Agreement* after services are claimed (i.e., keys issued).
2. In some specified cases, however, students may be released from the *Agreement* without incurring financial obligation (beyond occupancy and meal charges) only when Resident Life has received and verified upon a specified date a student's request for release that is based upon the student's withdrawal, graduation, marriage, student teaching, study abroad, co-op work in conjunction with a University-sponsored program, or substantial physical or emotional difficulties (verified by the University) which prevent continued participation in the *Agreement*.

   Such requests for release—effective at the end of the Fall semester or the start of the Spring semester—must have been submitted to Resident Life before 4:30 p.m., November 23, 1993, in order to avoid incurring the charges identified in the Cancellation Fee Schedule in Section IV (D) of the *Agreement* in the event the request is approved by Resident Life.
3. Request for release from the *Agreement* which is to be effective Spring 1994 will not be approved after the first scheduled day of Spring semester classes, except for reasons of disenrollment.

Please contact Resident Life's Assignments Office (301) 314-2100 for more information and other criteria that may allow for release from the R*esidence Halls/Dining Services Agreement.*

18 EXAM SCHEDULE

All final examinations will be held on the examination days of the Official Final Examination Schedule. No final exam shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair. Exams are scheduled with respect to the time the class begins.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please read all sections of the Final Examination Schedule. For additional information, see "Examinations" in the Undergraduate Catalog.

1. Fall 1993 Standard Final Exam Table

Exam Time	December 15 Wednesday	December 16 Thursday	December 17 Friday	December 18 Saturday	December 20 Monday	December 21 Tuesday	December 22 Wednesday
Alternate Snow Date*	*December 19*	*December 19*	*December 19*	*December 19*	*December 24*	*December 24*	*December 24*
8:00 - 10:00	Tu Th 2 Tu Th 2 - 3:15	Tu Th 11 Tu Th 11-12:15	Tu Th 8 Tu Th 8-9:15	MWF 1	Tu Th 12 Tu Th 12:30 - 1:45	Tu Th 3 Tu Th 3:30-4:45	MWF 8
10:30 - 12:30	MWF 1	CHEM 103, 113, 233, 243	MWF 2	Tu Th 9 Tu Th 9:30-10:45	MWF 10	MWF 12 MWF 12:30	Tu Th 10
1:30 - 3:30	MATH 001, 002, 110, 111, 115, 140, 140H, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H, STAT 100	MWF 9 MW 9:30 HEBR 111	ECON 203 EDMS 451 ITAL 101, 102,203 SPAN 202	CMSC 107 ECON 201, 430	BMGT 220, 380 GERM 101, 102, 201	CMSC 103, 112 ENES 102, 221 FREN 101, 102, 103, 203 RUSS 101, 201	MWF 3 MW 3:30
4:00 - 6:00		BMGT 311, 424 ENES 100, 220	BMGT 310, 422, 440 CMSC 150 PHYS 121, 161, 262, 263				Tu Th 1

**ALTERNATE SNOW DATE - Exams will be held at the same time and in the same room as originally scheduled*

2. FALL 1993 EXAMS FOR CLASSES BEGINNING AT 4 P.M. AND LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. For example, classes scheduled on Tuesday, 4:15 - 7:00 p.m. have their exams on Tuesday, December 21 at 4:15 p.m. Classes scheduled on Thursday at 4:00 p.m. and later have their final exams on Thursday, December 16. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Thursday, December 16. Classes that meet both Monday and Wednesday 4:00 p.m. and later should have exams on Wednesday, December 15. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. FALL 1993 COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above grid. Note that these exam times do not depend on the hour or day at which the particular section meets.. The rooms in which these examinations will be held will be announced in class.

BMGT 220, 310, 311, 380, 422, 424, 440
CHEM 103, 113, 233, 243
CMSC 103, 107, 112, 150
ECON 201, 203, 430
EDMS 451
ENES 100, 102, 220, 221
FREN 101, 102, 103, 203
GERM 101, 102, 201
HEBR 111
ITAL 101, 102, 203
MATH 001, 002, 110, 111, 115, 140, 140H, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H
PHYS 121, 161, 262, 263
RUSS 101, 201
SPAN 202
STAT 100

4. EXAMS FOR BMGT COURSES NUMBERED 600 AND ABOVE

Final examinationsfor BMGT courses numbered 600 and above do not follow the schedule outlined in section 1-3 above. These exams are generally three hours in length. Exam dates and times will be announced in class. Contact the Masters Program Office, 405-2278, if you have questions.

1. Spring 1994 Standard Final Exam Table

Exam Time	May 11 Wednesday	May 12 Thursday	May 13 Friday	May 14 Saturday	May 16 Monday	May 17 Tuesday	May 18 Wednesday
8:00 - 10:00	MWF 10	MWF 11	MWF 9 MW 9:30-10:45	MWF 2 MW 2-3:15	MWF 1	MWF 12 MW 12:30-1:45	MWF 8
10:30 - 12:30	CHEM 103, 104,113, 113H,233,243, 243H	Tu Th 2 Tu Th 2-3:15	Tu Th 11 Tu Th 11-12:15	Tu Th 12 Tu Th 12:30-1:45	MWF 3 MW 3:30-4:45	Tu Th 8 Tu Th 8-9:15 BMGT 380	Tu Th 3 Tu Th 3:30-4:45
1:30 - 3:30	BMGT 221,311, 424 HEBR 112 SPAN 202	MATH 001,002, 110,111,115,140, 141,141H,210, 211,220,221, 240,241,241H, 246,246H STAT 100	BMGT 310, 332, 422 PHYS 161, 263 FREN 101, 102, 103, 203	ECON 203 PHYS 121, 262	Tu Th 9 Tu Th 9:30-10:45	ENES 102, 220 EDMS 451 RUSS 102, 202	GERM 101, 102, 201
4:00 - 6:00			ECON 201 ITAL 101, 102 CMSC 150	CMSC 103, 112, 113 BMGT 301, 440			Tu Th 10
7:00 - 9:00							Tu Th 1

2. SPRING 1994 EXAMS FOR CLASSES BEGINNING AT 4 P.M. & LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. For example, classes scheduled on Tuesday, 4:15 - 7:00 p.m. have their exams on Tuesday, May 17 at 4:15 p.m. Classes scheduled on Thursday at 4:00 p.m. and later have their final exams on Thursday, May 12. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Thursday, May 12. Classes that meet both Monday and Wednesday 4:00 p.m. and later should have exams on Wednesday, May 11. Exams will be given in regularly scheduled classrooms. **The department will notify faculty of any exceptions to the time and room.**

3. SPRING 1994 COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above grid. Note that these exam times do not depend on the hour or day at which the particular section meets.. The rooms in which these examinations will be held will be announced in class.

BMGT 221, 301, 310, 311, 332, 380, 422, 424, 440
CHEM 103, 104, 113, 113H, 233, 243, 243H
CMSC 103, 112, 113, 150
ECON 201, 203,
EDMS 451
ENES 102, 220
FREN 101, 102, 103, 203
GERM 101, 102, 201
HEBR 112
ITAL 101, 102
MATH 001, 002, 110, 111, 115, 140, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246H
PHYS 121, 161, 262, 263
RUSS 102, 202
SPAN 202
STAT 100

4. SPRING 1994 EXAMS FOR BMGT COURSES NUMBERED 600 & ABOVE

Final examinations for BMGT courses numbered 600 and above do not follow the schedule outlined in sections 1-3 above. The exam schedule for these courses will be published in the Second Edition of the Schedule of Classes.

Career Center

Students can take at least one step to make sure they are progressing toward a career that's right for them by visiting the Career Center. The Career Center helps students learn how to develop good study habits, to identify talent/interests areas, and to select a major that will help them in their future career field. The Career Center's Staff help students plan for graduate/professional school, find a job, and secure an internship or co-op through personal attention.

Career Resource Center

3121 Hornbake Library, 301-314-7225

The Career Resource Center has books, magazines, videotapes and computer programs which help students define their career interests. Walk-in counseling and individual appointments are available Monday-Friday and Wednesday evenings. The Career Center is located in 3121 Hornbake Library South Wing. Office hours are Monday-Friday 8:30 am to 4:30 pm. To learn more about deciding on a major, finding future employment, or how to tackle the job search, stop by or call the Career Center at 314-7225.

Experiential Learning Programs

3120 Hornbake Library, 301-314-7228

Experiential Learning Programs offers three of the University's most exciting opportunities - Internships, Cooperative Education and National Student Exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, gain valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work or cultural environments, and clarify personal and professional goals.

Internships

An internship is a paid or unpaid work experience which typically lasts for one semester. Students can use extensive listings, which include more that 1500 opportunities in more than 1000 organizations, business and government agencies, to identify possible internships. The Career Center also maintains directories and catalogues which describe local and national positions. Once students have obtained an internship, they must secure a faculty member to sponsor their internship if they wish to earn academic credit through the Experiential Learning Course. Interested students should sign up for an orientation session to learn the details of the internship program.

Cooperative Education for Liberal Arts, Business and the Sciences

Cooperative Education (Co-op) is the most intensive form of experiential learning. Students either alternate semesters of full-time, paid employment with semesters of full-time study, or work in paid, part-time positions while enrolled full-time at UMCP. Co-op employers include agencies within the federal government and leading private companies. Many co-op students are offered permanent positions after graduation. To be eligible, undergraduate students must have completed 36 college credits, 12 of which must have been completed at UMCP the semester before co-oping,with a 2.0 cumulative GPA. Graduate students must be enrolled as degree-seeking students, complete one semester at UMCP, and achieve a 3.0 cumulative GPA. Interested students should sign up for an information session to learn the details of the co-op program. Students must apply a full semester prior to the semester in which they choose to co-op.

Policies for (Dept) 386 Experiential Learning Course

Students may earn academic credit for their experiential learning experience through campus-wide (Dept) 386 Experiential Learning. (The departmental abbreviation takes the place of (dept), for example GVPT 386 or CMSC 386. The following are Campus Senate policies regarding the course.

- ____To be eligible for (dept) 386 credit, a student must have earned 56 including 12 at UMCP and 3 in the department which is to award (dept) 386 credit.
- ____386 may be taken by any student with the sponsorship of a faculty member if it is a department option and in accordance with departmental requirements and internship policies.
- ____386 is a variable credit course and may be awarded from 3 to 6 credits depending on the number of hours worked at the internship site and departmental policy.
- ____386 may be taken only once in any given department.
- ____386 may be taken in only one department per semester.
- ____386 may be graded using either the regular or pass/fail grading method in accordance with departmental policy.
- ____386 may be taken for a maximum of 12 credits in an undergraduate program.

Mandatory Learning Proposals.

Completion of a Learning Proposal which can be obtained in the Career Center, is mandatory for all students taking (dept) 386 (Experiential Learning). The Learning Proposal is a contract which spells out and clarifies the nature of the student's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with faculty sponsor. The process for developing a Learning Proposal is intended to include the student, the faculty sponsor, and the on-site supervisor, all of whom must sign the finished proposal. Once the proposal is complete, it must be submitted to the Career Center for approval. Please allow a 48 hour turn-around time to approve, sign and stamp the Learning Proposal. Students may then take the Learning Proposal to the Registrar's office to register for (dept) 386. Students will not be permitted to register for (dept) 386 without the ELP approval stamp.

National Student Exchange (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at over 100 participating public colleges and universities across the country. UMCP students pay their tuition and fees to UMCP and room and board to their host campus. Students may exchange for a semester or a year. NSE offers the opportunity to explore new geographical settings, investigate graduate school options, experience academic diversity and study under different educational and social circumstances in various parts of the continental U.S., Hawaii, Alaska, and U.S. territories. The application deadline is March 1st for the following academic year. Students who are interested in NSE are encouraged to contact the Career Center to plan for their exchange. Students may not exchange during their senior year and must have at least a 2.5 GPA at the time of application and exchange.

Change of Address Procedure

Change in either mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Room 1115 or 1135, Lee Building, 8:30 a.m. to 4:30 p.m., Monday-Friday.
2. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three proceeding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.300 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

Community Service Program

Community Service Programs provides listings of volunteer opportunities for individuals and groups. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. 314-2273.

Computer Science Center

Non-credit Training Courses (Spring 1994)

The Computer Science Center offers a series of workstation training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g., the IBM, PS/2, NeXTstation, and Macintosh microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.

The classes include: Introduction to the IBM PC and MS-DOS, WordPerfect 5.1, Intermediate WordPerfect 5.1, WordPerfect for thesis writing, Quattro Pro Spreadsheets, Introduction to the NeXTstation, Introduction to UNIX, Introduction to the Macintosh and MacWrite II on the Macintosh. An additional class on Network Resources is also offered. Instructors for the classes are computer experienced students. Call 405-2941 for scheduling information, or drop by CSC room 3326 to register for classes. There is a $5.00 charge for each class.

The workstation training courses are in addition to the CSC's traditional non-credit short courses which, this Spring, will include surveys of UNIX, statistical software, communications, and networking. A small fee is charged for these classes. For further information call 405-4261.

Counseling Center

The Counseling Center provides comprehensive psychological and counseling services to meet the mental health and developmental needs of students and other members of the university community. Records kept as part of providing counseling services are confidential and are not part of the University's educational records. The Counseling Center, located in the Shoemaker Building, is open Monday-Thursday 8:30 a.m.-9:00 p.m. and Friday 8:30-4:30. In order to meet the needs of the university community, the Counseling Center provides the following special services and programs:

Counseling Service. Psychologists provide consultation and professional individual and group counseling services for students with emotional/social and educational and career concerns. Counseling is available for individuals and groups to overcome depression, career indecisiveness, anxiety, loneliness and other problems experienced by students. Workshops ranging from developing assertiveness and self-esteem to stress management are offered. A 3:00 p.m. Minority Student Walk-In Hour is held daily. Consultation to faculty, staff and students regarding student concerns and organizational needs is provided. The Center also provides a series of tape recorded interviews with all College Park department heads covering course and career options in their fields. Telephone: 314-7651.

Disability Support Service. A division of the Counseling Center, located in Shoemaker Hall, Room 0126. Services are available for students with documented disabilities. Services may include: readers, writers, interpreters, assisting with physical access and assistance with

20 GENERAL

registration, administration of classroom exams, assistance for students with learning disabilities and access guides to campus buildings. Students are encouraged to contact the office as early as possible. Office hours are 8:30-4:30 Monday-Friday. Telephone: 314-7682 (voice) or 314-7683 (TDD)

Learning Assistance Service (LAS). Educational Specialists offer individual and group sessions for improving academic skills such as reading, writing, listening, note taking, and learning mathematics and science material. Workshops cover such topics as Study Skills, Time Management, Learning Math Skills, Exam Anxiety, and Learning English as a Second Language. Telephone: 314-7693.

Returning Students Program. A wide variety of workshops, ongoing consultation, counseling, referrals, and orientation programs are provided to address the needs of students aged 25 or over who are beginning or coming back to school after a break in their formal education. A one credit course, EDCP 108R, is offered Spring and Fall semester to provide returning students with study skills techniques and information about campus resources, as well as exploration of academic, career and personal goals. A popular offering is the Returning Student Coffee and Conversion Group. Drop in any Monday 12:00-2:00 with your lunch. Located in Room 2201 Shoemaker. Telephone: 314-7693.

Testing, Research and Data Processing Service. National testing programs such as CLEP, GRE, LSAT, MCAT, GMAT and Miller Analogies are administered through this office as well as testing for counseling purposes, including vocational assessment. In addition, the staff members provide a wide variety of research reports on characteristics of students and the campus environment. Telephone: 314-7688.

Parent Consultation and Child Evaluation Service. Professional help is available through consultation, testing and counseling for youngsters ages 5-14 and families. Telephone: 314-7673.

Counseling Center services allow students to overcome barriers to their learning and development. Center professionals are highly committed to help you reach your goals. Call or come to the Shoemaker Building for more information or to schedule an appointment.

Credit by Examination for Undergraduates

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Division of Letters & Sciences (L&S), Room 1117, Hornbake Library. See Ms. McCain, 314-9423. For more information, consult the undergraduate catalog.

Disclosure of Student Records (Buckley)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights of Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records.

(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent.

(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Previous Educational Institution Attended
Major Field of Study	

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, Mitchell Building, and return the completed form to the Registrations Counter. **To limit disclosure of Directory information and printing of information in the student directory requests must be made within 3 weeks from the first day of the semester in which the student begins each school year.** Such requests must be filed annually within the above allotted time.

Students alleging: University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog.*

Drug and Alcohol Abuse Policy

The illegal or abusive use of drugs or alcohol by members of the campus community jeopardizes the safety of the individual and the campus community, and is inimicable to the academic learning process. The University of Maryland is therefore committed to having a campus that is free of the illegal or abusive use of drugs and alcohol. In keeping with this commitment, it is the policy of the University that the illegal or abusive use of drugs or alcohol is prohibited on University property or as part of University activities. This POLICY is to notify students of prohibited conduct and disciplinary actions which may result from violation of University policy.

Prohibited Conduct: Drugs

The *Code of Student Conduct* prohibits, on University premises or at University sponsored activities, the

1) unauthorized distribution;
2) possession for purposes of distribution
3) use; or
4) possession of any controlled substance or illegal drugs.

"Controlled substance" and "illegal drugs" prohibited under the Code are set forth in Schedules I through V in Article 27, part 279 of the Annotated Code of Maryland.

Prohibited Conduct: Alcohol

The *Code of Student Conduct* prohibits the violation of published University regulations or policies regarding the possession, use or distribution of alcoholic beverages, as approved and compiled by the Vice-President for Student Affairs. These policies, generally described below and subject to amendment from time to time, are available for public inspection during normal business hours in the Judicial Programs Office.

The Resident Life Alcohol Policy controls the use, possession or distribution of alcohol in campus residence halls. This policy prohibits the possession or use of alcohol by any student under the age of 21 or the furnishing of alcohol to a person known to be under the age 21. It prohibits common containers (such as a keg or punchbowl) the sale of alcohol, and parties involving alcohol. Students of legal drinking age may consume alcohol in their rooms, suites or apartments only.

The Office of Campus Program Alcohol Policy controls the use, possession, or distribution of alcohol by students on University premises or at University sponsored activities. This policy prohibits the possession or use of alcohol by any student under the age of 21 or furnishing of alcohol to a person known to be under the age of 21. Alcoholic beverages otherwise may not be possessed, consumed or distributed at University sponsored events occurring on University premises unless advance written approval has been obtained from the Office of Campus Programs. In addition, the University Policy on Possession or Use of Common Containers of Alcohol prohibits the possession or use of kegs, beer balls, punch bowls, and other common containers of alcoholic beverages or a similar nature on University property, except for possession and use resulting from licensed purchase by the University's Department of Dining Services.

Disciplinary Sanctions Sanctions for violations for University drug and alcohol policies include expulsion, suspension, disciplinary probation, disciplinary reprimand, restitution, dismissal from University housing, housing probation, work or research projects, drug testing, and restrictions on further use of University facilities. Students may be accountable to both civil authorities and the University for acts which constitute violations of law and University policy. Disciplinary action at the University will normally proceed during the pendency of criminal proceedings and will not be subject to challenge on the grounds that criminal charges involving the same incident have been dismissed or reduced.

Emergency Weather Conditions

When there is a snow emergency, you should listen to the radio or watch T.V. to find out whether the university has decided to close. The following are the T.V. channels and radio stations the university contacts when there is an announcement to **CLOSE** the university because of a snow emergency. **NO ANNOUNCEMENTS ARE MADE WHEN THE UNIVERSITY REMAINS OPEN.**

Radio Station	Frequency	Location	T.V. Station	Channel	Location
WMZQ	98.7 FM	D.C. Area	WJLA	7	D.C. Area
WAVA	105 FM	D.C. Area	WRC	4	D.C. Area
WASH	97.1 FM	D.C. Area	WUSA	9	D.C. Area
WTOP	500 AM	D.C. Area	WTTG	5	D.C. Area
WRC	980AM	D.C. Area	WJZ	13	Baltimore Area
WMAL	630 AM	D.C. Area	WMAR	2	Baltimore Area
WGMS	103.5 FM	D.C. Area	WBAL	11	Baltimore Area
WKYS	93.9 FM	D.C. Area			
WLIF	102 FM	Baltimore Area			
WBAL	1090 AM	Baltimore Area			
WCAO	600 AM	Baltimore Area			

CAMPUS INFORMATION: 405-1000

As soon as a snow emergency is decided upon, the Office of Public Information calls all of the media listed above. Although the university tries to insure that its message is used, it cannot control announcements presented on the radio or T.V.

Engineering Jobs Hotline—314-9289

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call 314-9289.

English Editing for International Graduate Students

The English Editing for International Graduate Students (EEIGS) program, operating under the aegis of the University of Maryland Office for Graduate Studies & Research, offers editing services to international graduate students who must present their required seminar papers, theses, dissertations, etc. in English. This program is staffed by volunteers from the university's Retired Volunteer Corps and Golden ID group, and by volunteers from other university and non-university sources. These services are free.

The EEIGS program operates as follows:

1. Names and telephone numbers of volunteer editors on whom the student may call may be obtained by calling Mr. Freitag, the program coordinator, at (301) 277-3449.
2. The student can contact a volunteer editor to arrange for the editing services. If an arrangement does not work out satisfactorily, either the student or the volunteer editor may discontinue the service. The student may then seek another volunteer editor.
3. The student should allow a reasonable amount of time for the editing services. Long documents will not be edited on very short notice.
4. Editing services are expected to take place on the University of Maryland campus. The student is responsible for finding working space (for example, an empty classroom or office in the department in which he/she is majoring.)
5. The student is expected to inform the Director of Graduate Studies of the Department in which he/she is majoring about the aid being received through this program.

The Maryland English Institute (MEI) also offers writing assistance through the "MEI Writing Center for International Graduate Students"; call 405-8634 for details.

There are also graduate students and others on the University of Maryland campus who offer English language editing services for a fee. Graduate students in the Department of English who will do editing for a fee can be contacted through the Director of Graduate Studies. Department of English, South Campus Surge Building (405-3810).

Employment Center

The Student Employment Center is a centralized service for undergraduate students seeking on-campus employment within the Department of Resident Life. The SEC maintains job descriptions of all the positions for which the Department is recruiting and hiring. Positions include, but are not limited to, desk receptionists, Resident Assistants and security staff. The SEC provides a free service to all undergraduate students at the University of Maryland.

The Student Employment Center is located in Room 0117 of Cumberland Hall. Please call 314-5111 for office hours.

Golden Identification Card Program

College Park participates in the University of Maryland's Golden Identification Card Program. This program allows eligible senior citizens to take advantage of the wide variety of course offerings at College Park. To be eligible for participation the individual must be 60 years of age or older, a legal resident of the State of Maryland and retired (not engaged in gainful employment for more than 20 hours a week). Application is made through the Office of either Undergraduate or Graduate Admissions. The appropriate application fee will be assessed. College Park tuition is waived. A fee of *$99.00 is charged each semester. This fee is the same fee that is charged to all part-time undergraduate students less the health, student activities, and athletic fees. Golden ID students register on a space available basis for aa maximum of three courses during the first week of classes. Golden ID students must meet all course prerequisite and co-requisite requirements. The Golden Identification Card with a current semester registration card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non-academic services. Such services will be available during any session only to persons who have registered for one or more courses for that session. Golden ID students are not eligible for Consortium courses.

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising. Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 314-8385, or the Golden ID Student Program, Room 0119 Hornbake Library, 405-3956.

**Fee at time of publication*

University Health Center (UHC)

The UM University Health Center (UHC) is located on Campus Drive, across from the Stamp Union. The services provided by the UHC include: primary care for illness and injury, dental clinic, men's clinic, women's clinic, anonymous HIV/AIDS testing, allergy clinic, sports medicine, physical therapy (located in the HHP Building), nutrition education, mental health clinic, travel clinic, substance abuse counseling, social services, laboratory, radiology (x-ray) and a pharmacy. Individual and group health education programs are available on topics such as sexual health and contraception, date rape, stress management, substance abuse, dental health, eating disorders, depression and suicide. The UHC is open Monday through Friday from 7:00 a.m. until 11:00 p.m., and Saturday and Sunday from 9:00 a.m. until 5:00 p.m., with varied hours during semester breaks and holidays. Students are seen by appointment between 9:00 a.m. and 5:00 p.m. on weekdays. All currently registered students are eligible for care. While the student health fee covers most routine costs at the UHC, there are charges for some services, such as X-rays, lab work, dental treatment, allergy injections, physical therapy, prescriptions, CPR certification, and DWI/DUI classes. All students are encouraged to carry hospitalization insurance. All students' medical records are strictly confidential and may only be released by the student's consent or through a court ordered subpoena. The Health Center only gives class excuses for a prolonged illness or missed exams due to a serious illness.

UHC Phone Numbers:

Information	314-8180	Health Education	314-8128
Appointments	314-8184	Health Insurance	314-8165
Mental Health	314-8106	Dental Clinic	314-8178
Pharmacy	314-8186		

Housing Service Off-Campus

The Office of Commuter Affairs provides a free listing and referral service for students, faculty and staff who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m., 314-3645.

Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASIS OF:

- race
- age
- marital status
- personal appearance
- political affiliation
- mental or physical disability
- color
- creed
- sex
- national origin
- sexual orientation
- The exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual orientation.

If you feel you have been subjected to any form of discrimination, you may file a complaint with the member of the Human Relations Code Equity Team, which includes:

RODNEY PETERSEN, J.D
Campus Compliance Officer
Office of Human Relations Programs
1107 Hornbake Library
405-2838

EQUITY ADMINISTRATORS:

Ms. Jo-Ann Amadeo
Undergraduate Studies
1115 Honbake Library
405-9362

Dr. Amel Anderson
College of Agricultural & Life Sciences
1224 Symons Hall Building
405-2085

Dr. Lee Badgett
School of Public Affairs
1124 MPA Building
405-6348

Dr.Marilyn Berman
College of Engineering
1137 Engi. Classroom Bldg.
405-3871

Dr. Cordell Black
Office of Academic Affairs
1127 Main Admin.Building
405-7227

Dr. William Bradford
College of Business and Management
2416 MPA Building
405-2306

Dr. Gladys Brown
Office of Human Relations
1107 Hornbake Library
405-2838

Dr. Colleen (Coke) Farmer
College of Health & Human Perf.
2314 HLHP Building
405-2475

Ms. Sharon Fries-Britt
Student Affairs
2108 Mitchell Building
314-8431

Mr. Ray Gillian (chair)
Office of the President
1111 Main Admin. Building
405-5795

Dr. George Goldenbaum
College of Computer, Math & Physical Sciences
23417 A.V. Williams Bldg.
405-2313

Dr. Diana Jackson
College of Behavioral & Social Sciences
2141 Tydings Hall
405-1679

Mr. Gene Johnson
College of Agriculture and Life Sciences
1105 Symons Hall
405-1176

Dr. Jeanette Kreiser
College of Education
3119 Benjamin Building
405-2339

Mr. Stephen Sachs
School of Architecture
1205 Architecture Building
405-6314

Dr. Martha Soloman
College of Arts and Humanities
1116 Francis Scott Key Hall
405-2993

Dr. Greig Stewart
College of Journalism
2115 Journalism Building
405-2390

Dr. Sylvia Stewart
Administrative Affairs
1132 Main Administration
405-1109

Dr. Claude Walston
College of Library & Info Services
4105E Hornbake LIbrary
405-2033

Ms. Patty Wang
Institutional Advancement
3112 Lee Building
405-7764

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Spring 1994 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times. Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Identification Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $20.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registration 314-8240.

International Student Information

F-1 Visa Students: Students with F-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 status.The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in immigration regulations.

Passports: Your passport must be kept valid at all times for at least six months into the future.

All Students on Immigrant and Non-Immigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registration and Records. You will be required to show proof of health insurance.

International Students Information and Questions: The Office of International Education Services, Room 3116A, Mitchell Building. Phone 314-7740.

Job Referral Service

The Job Referral Service, an extension of the Office of Student Financial Aid, maintains listings of available part-time, temporary, and summer jobs located on and off campus. There is no financial evaluation to determine the eligibility for positions listed. The jobs are offered independent of need.
This service is available at no cost to prospective employers and students. Employers list their vacancies through our office by calling 314-8323. Students must be enrolled for the current semester at the University of Maryland, College Park campus or University College. Employment advising is available by appointment or on a walk-in basis.
The Job Referral Service is located in Room 0119 Hornbake Library (South Wing) and is open Monday-Friday from 8:30 a.m.-4:30 p.m. Students are encouraged to stop by or call 314-8324 for more information about the service.

Libraries at UMCP

UMCP Libraries include over 2.2 million volumes, more than 4.7 million microform items, and almost 20,000 current periodicals and newspapers, as well as 778,000 government documents, over 205,000 maps and over 146,000 nonprint media sources. Reference sources, both automated and print, provide up-to-date and effective access to information.

The Theodore R. McKeldin Library is the main library of the UMCP library system containing automated and printed reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the life sciences, social sciences, and humanities. McKeldin houses special collections including manuscripts and archives, the East Asia Collection, Maryland state documents and Maryland-related books and manuscripts and University of Maryland archives, U.S. government documents, and the National Trust for Historic Preservation Collection.

The Hornbake Library houses reference, circulation, and all reserve services aimed for undergraduates, and has a study room open all hours during spring and fall semesters. The Nonprint Media Services Department on the fourth floor features color video tape players and playback units, enclosed rooms equipped with instructors' consoles for the use of nonprint media materials, dial access capabilities for instructional purposes as well as tapes, records and films for use of the university community. The Hornbake Library also houses the National Public Broadcasting Archives which is accessible by appointment only.

Art Library (Art-Sociology Building)
Architecture Library (Architecture Building)
Engineering and Physical Sciences Library (Mathematics Building)
Music Library (3rd floor, Hornbake Library)
White (Chemistry) Memorial Library (Chemistry Building)

All UMCP students, faculty, and staff may borrow from all UMCP Libraries and other campuses in the University of Maryland system.

Non-Discrimination Policy

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, or disability. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, The Americans with Disabilities Act or related legal requirements should be directed to the appropriate individuals designated below.

Campus Compliance Officer
Office of Human Relations Programs
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742
301-405-2838

Campus Coordinator for 504 of the Rehabilitation Act of 1973 and Americans with Disabilities Act
Room 0126, Shoemaker Building
University of Maryland, College Park
College Park, Maryland 20742
301-405-4945

22 GENERAL

Parking Registration Information
WHO?

All students who plan to attend the University during the Spring 1994 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit or park at a paid meter. If you purchased a UMCP-DCP Parking Permit during the Fall 1993 semester you do not have to register for a new permit. Permits issued during the fall semester are valid through August 31, 1994.

PLEASE NOTE: FRESHMAN AND SOPHOMORE CAMPUS RESIDENT STUDENTS ARE PROHIBITED FROM REGISTERING FOR A PARKING PERMIT. FOR MORE INFORMATION CONTACT THE DCP OFFICE AT 314-PARK.

WALK-IN REGISTRATION

Date	Time	Location
December 14-23, 1993	8:30 a.m.-4:00 p.m.	Department of Campus Parking Garage 2, Bldg. #202, Regents Drive
January 3-5, 1994	8:30 a.m. - 4:00 p.m.	DCP Office
January 6, 1994	8:30 a.m. - 6:00 p.m.	DCP Office
January 7,10,11, 1994	8:30 a.m. - 4:00 p.m.	DCP Office
January 12, 1994	8:30 a.m. - 6:00 p.m.	DCP Office
January 13-14, 1994	8:30 a.m. - 4:00 p.m.	DCP Office
January 17, 1994	University Closed	
January 18, 1994	8:30 a.m. - 6:00 p.m.	DCP Office
January 19, 1994 and later	8:30 a.m. - 4:00 p.m.	DCP Office

HOW??

1. BRING YOUR STUDENT ID CARD
2. Pick up and complete the UMCP-DCP Application for Student Parking Registration. The student parking registration fee is $48.00 for campus resident students and $26.00 for commuter students. Check, cash, or credit card (Mastercard, Visa, or Discover) payment is required.
3. You will receive a hanging permit , the Campus Parking Map and Informational Parking Guide.

Bicycles and Mopeds

Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Securing or parking a bicycles or moped in any manner which would obstruct vehicles or pedestrians is prohibited.

A bicycle or moped locked to any part on either side of the railing of an access ramp could make entering or exiting the building difficult or impossible for a person with a disability. The lock, the handlebars, the seat, the wheels—anything—could cause an obstruction at exactly the place a person needs to use the railing for its intended purpose. Bicycles or mopeds that obstruct an access ramp that is part of an exit are in violation of the Maryland Fire Prevention Code and subject to impoundment.

Disabled Parking

All persons associated with the University (including those displaying a State disabled permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. At the time of registration, the person must submit a copy of their approved State Maryland Disabled Person's Parking Permit application or other State authorized documentation. Upon issuance of the UMCP-DCP hanging permit, an additional UMCP-DCP disabled permit will be issued at no charge. The UMCP-DCP permits must be used in conjunction with the State Disabled permit or tag in order to use Disabled spaces, unpaid parking meters or any upgated parking lot on campus, except for service or courier spaces.

Only persons for whom the disabled parking privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).

Questions regarding parking registration should be referred to the Department of Campus Parking, 314-PARK.

Participation by Students in Class Exercises that Involve Animals

Students who are concerned about the use of animals in teaching have the responsibilities to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course. Departments including courses where animals are used must actively inform students of such courses, including but not limited to, notices in the Catalog.

The University of Maryland, College Park campus, affirms the right of the faculty to determine course content and curriculum requirements. The University, however, also encourages faculty to consider offering alternatives to the use of animals in their courses. In each course, the instructor determines whether the use of animals in classroom exercises will be a course requirement or optional activity. The following departments currently have courses that may require animals to be used in class activities. Animal Sciences, Microbiology, Poultry Science, Psychology, Veterinary Medicine, Zoology, and courses with the NUSC or NUTR prefixes.

Sexual Harassment

Sexual Harassment by University faculty, staff, and students is prohibited by the "Campus Policy and Procedures on Sexual Harassment" which may be obtained by calling the Office of Human Relations Programs (OHRP) at 405-2838. Brochures and posters are available at the same number. The OHRP also provides training and education on sexual harassment and is willing to customize a program based upon audience needs.

Shuttle-UM

Shuttle-UM is a student operated transit service which offers commuter transit, campus security transportation, charter service, and special service for students with special mobility needs. Schedules and maps are available at the Stamp Union information Desk, the Office of Commuter Affairs, and at the Shuttle-UM Office, 13 Greenhouse Rd. For Shuttle-UM information, call the following numbers:

Employment & General Information 314-2255 (x4-CALL)
Charter Information 314-7271
Paratransit Information 314-7260

Smoking Policy

The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guides.
Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libraries. Other no smoking areas include: conference rooms indoor athletic facilities, theatres, retail stories, health facilities, and common/public areas such as stairwells, elevators, lobbies, hallways, reception areas, and restrooms. As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

Social Security Number

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, Mitchell Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

Study Abroad

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.

Study in London—The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

Study in Israel—Offers a semester of study in Israel for the Spring Semester. The program includes a four-day orientation in Tel Aviv and Jerusalem, a Kibbutz stay and an intensive Hebrew language course. Students then attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East Studies.

Study in Denmark—The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

Study In Brazil—Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Study in France—This program offers special courses for foreigners or regular courses at the University of Nice for a full year or spring semester.

Maryland in Mexico City—Spanish Language and Latin American studies, Fall and Spring semester.

German and Engineering: As part of a dual degree program, students spend 6 months in Germany studying the language and completing an internship with an engineering company.

Summer programs—For 1994 the following will be offered: Dance in Ghana, German language in Kassel, Germany, Spanish Language in Madrid, Spain, architecture in England, Rome and Turkey and Education and Art in Maastricht, Holland.

Maryland Exchanges—There are exchanges with schools in England, Japan, Austria and Germany. All require at least 2 years of appropriate language study and a 3.0 G.P.A.

FOR INFORMATION, CONTACT: Study Abroad Office, 3125 Mitchell Building, 314-7746.

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.

If you have need of record information for other purposes, please request an official transcript at the Records and Registration Office, Mitchell Building. Upon presentation of identification, students who have been enrolled since 1985 receive their official transcript on the spot. If you are unable to come in person, written requests may be mailed to our office. Generally requests are processed the following day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Records and Registration Office (314-8240) if you have further questions.

Tutorial Services

Tutorial services are available to all UMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graudate and undergraduate students. To request tutoring, go to the office of Intensive Educational Development (IED), Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring early in the semester.

Students interested in becoming tutors should call 405-4749 or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistance and enrollment certification at the Veterans Certification Office in Records and Registrations on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services.

It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

ACADEMIC INFO

COLLEGE ORGANIZATION CHART

COLLEGE OF AGRICULTURE

DEPARTMENT OF
- AGRICULTURAL ENGINEERING
- AGRICULTURAL AND RESOURCE ECONOMICS
- AGRONOMY
- ANIMAL SCIENCES
- HORTICULTURE
- POULTRY SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS CURRICULUM
- DIETETICS
- FOOD SCIENCE
- AGRICULTURAL SCIENCES, GENERAL
- HUMAN NUTRITION AND FOODS
- NATURAL RESOURCES MANAGEMENT

VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE-MARYLAND CAMPUS

SCHOOL OF ARCHITECTURE

ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
PROGRAMS/CURRICULUM
- ARCHITECTURAL HISTORY
- DESIGN
- PRESERVATION
- TECHNOLOGY
- URBAN PLANNING

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF
- AMERICAN STUDIES
- ART
- ART HISTORY AND ARCHAEOLOGY
- CLASSICS
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
- HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
- HISTORY
- LINGUISTICS
- MUSIC
- PHILOSOPHY
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- SPEECH COMMUNICATION
- THEATRE

PROGRAMS
- COMPARATIVE LITERATURE
- EAST ASIAN STUDIES
- FOREIGN LANGUAGE (FOLA)
- JEWISH STUDIES
- ROMANCE LANGUAGES
- RUSSIAN AREA STUDIES
- WOMEN'S STUDIES

CENTERS
- ART GALLERY
- NINETEENTH CENTURY MUSIC
- RENAISSANCE AND BAROQUE STUDIES

LANGUAGE CENTER
- LANGUAGE HOUSE
- LANGUAGE MEDIA CENTER
- MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

PROGRAMS/DEPARTMENTS:
- AFRO-AMERICAN STUDIES
- ANTHROPOLOGY
- CRIMINAL JUSTICE AND CRIMINOLOGY
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT AND POLITICS
- HEARING & SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY

BSOS COMPUTER LABORATORY
CENTERS:
- CENTER FOR MINORITIES
- CENTER FOR POLITICAL LEADERSHIP AND DEVELOPMENT
- CENTER FOR INTERNATIONAL DEVELOPMENT AND CONFLICT RESOLUTION
- CENTER FOR SUBSTANCE ABUSE
- SURVEY RESEARCH CENTER

COLLEGE OF BUSINESS AND MANAGEMENT

CENTER FOR BUSINESS AND PUBLIC POLICY
CENTER FOR INNOVATION
CENTER FOR MANAGEMENT DEVELOPMENT
CENTER FOR PRODUCTIVITY
SMALL BUSINESS DEVELOPMENT CENTER
PROGRAMS/CURRICULUM:
- ACCOUNTING
- BUSINESS AND MANAGEMENT-GENERAL
- BUSINESS AND MANAGEMENT-GENERAL/INTERNATIONAL
- DECISION AND INFORMATION SCIENCES
- FINANCE
- MANAGEMENT SCIENCE
- MARKETING
- HUMAN RESOURCE MANAGEMENT
- PRODUCTION MANAGEMENT
- STATISTICS
- TRANSPORTATION

COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF
- ASTRONOMY
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION

DEPARTMENT OF:
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY PLANNING AND ADMINISTRATION
- HUMAN DEVELOPMENT
- MEASUREMENT STATISTICS AND EVALUATION
- SPECIAL EDUCATION

CURRICULUM LABORATORY
CENTER FOR EDUCAITONAL RESEARCH AND DEVELOPMENT
EDUCATIONAL TECHNOLOGY CENTER
CENTER FOR YOUNG CHILDREN
OFFICE OF LABORATORY EXPERIENCES

COLLEGE OF ENGINEERING

DEPARTMENT OF:
- AEROSPACE ENGINEERING
- AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING
- NUCLEAR ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
COOPERATIVE EDUCATION
ENGINEERING RESEARCH CENTER
INSTRUCTIONAL TELEVISION
SYSTEMS RESEARCH CENTER

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

DEPARTMENT OF:
- FAMILY STUDIES
- HEALTH EDUCATION
- KINESIOLOGY

CENTER ON AGING

COLLEGE OF JOURNALISM

COLLEGE OF JOURNALISM
ADVERTISING
BROADCAST NEWS
NEWS EDITORIAL
- -MAGAZINE
- -NEWS

PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

LIBRARY AND INFORMATION SERVICES
GEOGRAPHY/LIBRARY AND INFORMATION SERVICES
HISTORY/LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF:
- BOTANY
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY
- MICROBIOLOGY
- ZOOLOGY

MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULUM
- BIOLOGICAL SCIENCES (NEW PROGRAM FALL 1991)
- GENERAL BIOLOGICAL SCIENCES (PRE-FALL 1991 PROGRAM)

SCHOOL OF PUBLIC AFFAIRS

PROGRAMS
- ENVIRONMENTAL POLICY
- INTERNATIONAL SECURITY AND ECONOMIC POLICY
- PUBLIC SECTOR FINANCIAL MANAGEMENT
- SOCIAL POLICY

BUREAU OF GOVERNMENTAL RESEARCH
CENTER FOR INTERNATIONAL SECURITY STUDIES AT MARYLAND
- ECONOMICS AND NATIONAL SECURITY PROGRAM
- NUCLEAR HISTORY PROGRAM
- WOMEN IN INTERNATIONAL SECURITY

INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
SEMINAR ON THE FOREIGN POLICY PROCESS
CENTER FOR LEARNING AND COMPETITIVENESS

UNDERGRADUATE STUDIES

UNIVERSITY HONORS PROGRAM
GENERAL STUDIES PROGRAM (CLOSED)
INDIVIDUAL STUDIES PROGRAM
ALLIED HEALTH PROFESSIONS
PRE-DENTISTRY
PRE-MEDICAL
PRE-LAW
LETTERS & SCIENCES
CAREER CENTER (including Experiential Learning Programs)
ACADEMIC ACHIEVEMENT PROGRAMS
UPWARD BOUND
RETENTION OFFICE
EDUCATIONAL TALENT SEARCH

ACADEMIC INFORMATION

24 ACADEMIC INFO

ACADEMIC ADVISORS

Advising *(Undergraduate Students)*

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

Note: For the following groups advising is mandatory:

Newly admitted first-year and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Undergraduate advisors, their room numbers and telephone extensions are listed below. Students who have general questions about campus programs and advising policies may visit or call Letters & Sciences, Room 1117, Hornbake Library, 314-8418.

COLLEGE OF AGRICULTURE

General Information			
Dr. Paul H. Mazzocchi, Interim Dean		SYM-1224	405-2080
Dr. Maria McIntosh, Acting Associate Dean		ZOP-1104	405-2072
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2085
Dr. Ronald J. Seibel, Assistant Dean (Acting)		JUL-2123	405-4685
AGRICULTURAL & RESOURCE ECONOMICS			
	Cain, J.	SYM-2106	405-1265
	Hardie, I	SYM-2222B	405-1284
	Whittington, L.	SYM-2110	405-1262
	Wysong, J.	SYM-2214	405-1288
AGRICULTURAL ENGINEERING			
	Shirmohammadi, A.	SHR-1108	405-1185
	Stewart, L.E.	SHR-1130	405-1193
AGRONOMY			
Crops	Slaughter, L.	HJP-1122	405-1315
Soils	Weil, R. (Coord.)	HJP-1103	405-1314
Turf & Urban Agronomy	Carroll, M.	HJP-1114	405-1339
Conservation-Soil, Water, & Environment	Weil, R.	HJP-1103	405-1314
ANIMAL SCIENCE			
Coordinator	DeBarthe, J.	ANS-1415	405-1374
Dairy/Livestock	DeBarthe, J.	ANS-1415	405-1374
Poultry	Doerr, J.	ANS-3149	405-5782
COMBINED DEGREE, College of Agriculture, Veterinary Medicine			
	DeBarthe, J.	ANS-1415	405-1374
	Ingling, A.	GVC-1219	935-6083
FOOD SCIENCE			
	Schlimme,D.	HZF-1122B	405-4347
DIETETICS			
(A-E)	Jackson, R.	MMH-3303	405-4533
(F-J)	Curtis, S.	MMH-3308	405-4532
(K-O)	Moser-Veillon, P.	MMH-3209A	405-4502
(P-Z)	Prather, E.	MMH-3307	405-4531
AGRICULTURAL SCIENCES, GENERAL			
	Grant, L.	SHR-0102	405-1179
HORTICULTURE			
Crop Production & Science			
(A-J)	Bouwkamp	HZF-1123	405-4334
(K-R)	Gouin, F.	HZF-1120A	405-4374
(S-Z)	Walsh, C.	HZF-1110	405-4351
Landscape Design & BLA			
(A-H)	Hamed, S.	HZF-2109B	405-4339
(I-P)	Pihlak, M	HZF-2109A	405-4350
(Q-Z)	Scarfo, R.	HZF-2103	405-4346
HUMAN NUTRITION AND FOODS			
(A-M)	Ahrens, R.	MMH-3301	405-4523
(N-Z)	Castunguay, T.	MMH-3209B	405-4503
NATURAL RESOURCES MANAGEMENT			
	Kangas, P.	SYM-0218	405-1258
	Grant, L.	SHR-0102	405-1179

SCHOOL OF ARCHITECTURE

General Information			
Stephen Sachs, Associate Dean		ARCH-1298	405-6284
Advisor assignments available in Room 1298, Architecture			
Urban Studies		LEF-1117	405-6799

COLLEGE OF ARTS AND HUMANITIES

Dr. Robert Griffith, Dean		KEY-1102	405-2110
Undergraduate Academic Information			
Ms. Theresa Dipaolo, Director Undergradate Studies		KEY-1111	405-2110
Dr. Martha Solomon Associate Dean for Equity Affairs		KEY-1102	405-2118
Dr. Tom Moore, Advisor		KEY-1111	405-2115
Mr. Steve Alves, Advisor		KEY-1111	405-2115
Ms. Billie Follensbee, Advisor		KEY-1111	405-2115
General Information			
AMERICAN STUDIES PROGRAM	Kelly, G.	SCP-2101	405-1354
ART	Forbes, J.	ASY-1211	405-1450
ART HISTORY	Quo, J.	ASY-4221	405-1499
	Sandler, M.	ASY-4216	405-1490
	Venit, M.	ASY-4214	405-1489
CHINESE	Sargent, S.	JMZ-2136	405-7376
CLASSICAL HUMANITIES	Staley, G.	JMZ-4210	405-2016
COMPARATIVE LITERATURE	Lanser, S.	SCP-2107	405-2853
DANCE	Wiltz, A.	DNC-1132	405-3180
ENGLISH	Loizeaux, E.	SCP-2115	405-3825
FRENCH	Bondurant, D.	JMZ-3124	405-4034
GERMAN	Fagan, S.	JMZ-3211	405-4107
GREEK	Staley, G.	JMZ-4210	405-2016
HEBREW	Berlin, A.	JMZ-2106	405-4252
HISTORY	Rozenbilt, M.	KEY-2116	405-4265
HOUSING AND DESIGN	Jacobs, W.	MMH-1102	405-4378
ITALIAN	Russell, C.	JMZ-3106G	405-4034
JAPANESE	Kerkham, E.	JMZ-4223	405-2855
JEWISH STUDIES	Cooperman, B.	KEY-2116C	405-4271
LATIN	Staley, G.	JMZ-4210	405-2016
LINGUISTICS	Uriagereka, J.	MIL-1113	405-7002
MUSIC	Jones, P.	TWS-2110	405-5563
PHILOSOPHY	Martin, R.	SKN-1121A	405-5695
RADIO, TELEVISION & FILM	Weiss, G.	TWS-1147	405-6258
ROMANCE LANGUAGES	Falvo, J.	JMZ-3103	405-4031
RUSSIAN AREA STUDIES	Majeska, G.	KEY-2165	405-4307
RUSSIAN LANGUAGE & LITERATURE	Martin, C.	JMZ-3215	405-4103
SPANISH & PORTUGUESE	Little, K.	JMZ-2202	405-6452
SPEECH COMMUNICATION	Miller, J.	SKN-2130	405-6523
THEATRE	He'bert, M.P.	TWS-0236	405-6684
WOMEN'S STUDIES	Rowe, D.	MIL-1125	405-6878

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Dr. Irwin L. Goldstein, Dean		TYD-2141	405-1692
Dr. Stewart Edelstein, Associate Dean		TYD-2141	405-1692
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	405-1692
Dr. Diana Ryder Jackson, Assistant Dean		TYD-2141	405-1692
ADVISEMENT AND RECORDS			
Coordinator of Academic Support Service Records	Scholl, G.	TYD-2115	405-1697
	Murray, E.	TYD-2115	405-1697
Candidate Clearance	Vivian, D.	TYD-2115	405-1697
Director of Undergraduate Advising	Byron, L.	TYD-2115	405-1697
College Academic Advisors	MacIntosh, L.	TYD-2115	405-1697
	Sperber, B.	TYD-2115	405-1697
	Marcks, L.	TYD-2115	405-1697
	Gibbons, M.	TYD-2115	405-1697
	Kraynak, J.	TYD-2115	405-1697
Center for Minorities	Langa, M.	LEF-2201	405-1708
	Mason, T.	LEF-2201	405-1708
	Tamale, M.	LEF-2201	405-1708
Athletic Advising	Langa, M.	LEF-2201	405-1708
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	Pharr, N.	LEF-2169G	405-1168
ANTHROPOLOGY	Stuart, W.	WDS-0100	405-1423
CRIMINOLOGY, CRIMINAL JUSTICE	Wellford, C.	LEF-2220	405-4729
ECONOMICS	Meyer, P.	TYD-3145	405-3503
GEOGRAPHY	Cirrincione, J.	LEF-1123	405-4073
GOVERNMENT & POLITICS	Oppenheimer, J.	LEF-2181J	405-4124
HEARING & SPEECH SCIENCE	McCall, G.	LEF-0138	405-4214
PSYCHOLOGY	Scholnick, E.	ZOP-1107	405-5866
SOCIOLOGY	Mohagadam, L.	ASY-2108	405-6389
UNDECIDED-See a college advisor			

COLLEGE OF BUSINESS AND MANAGEMENT

Mr. William E. Mayer, Dean		MPA-2416	405-2299
Dr. William D. Bradford, Associate Dean			
Dr. Dilip Madan, Director, Ph.D. Program			
Mr. Mark Wellman, Director, Masters Programs			
Dr. J.G. Mattingly, Assistant Dean of Undergraduate Studies			
Dr. D. King, Director of Undergraduate Student Services			
Mr. Brian Horick, Assistant Director, Advisor Consultant			
Ms. Stella Mirhadi, Assistant Director, Advisor Consultant		MPA-1308	405-2286
Undergraduate Advisors	Empson-Rudolph, D.	MPA-1308	405-2286
	Fitzpatrick, K.	MPA-1308	405-2286
	Knemeyer, M.	MPA-1308	405-2286
	Smith, C.	MPA-1308	405-2286
Records Office, Business	Patterson, T.	MPA-1308	405-2286
	Peters, S.	MPA-1308	405-2286
	Pometto, J.	MPA-1308	405-2286

COLLEGE OF COMPUTER, MATHEMATICAL & PHYSICAL SCIENCES

Dr. Richard H. Herman, Dean		AVW-3400	405-4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Associate Dean		AVW-3400	405-2677
Ms. Deborah Reid Bryant, Assistant to the Dean		AVW-3400	405-2677
Student Records	Coleman, R.	AVW-3400	405-2677
General Information			
ASTRONOMY	Mathews,	CSS-0223	405-1514
COMPUTER SCIENCE (Special Problems)	Kaye, G.	AVW-1103	405-2672
GEOLOGY	Stifel, P.	GEO-1115	405-4365
MATHEMATICS	Adams, W.	MTH-1117	405-5053
PHYSICS	Crabill, J.	PHY-1120	405-5979
PHYSICAL SCIENCES	Williams, T.	AVW-3492	405-2677

COLLEGE OF EDUCATION

General Information			
Dr. Jeanette Kreiser, Assistant Dean for Student Services		EDU-3119	405-2338
Undergraduate Student Services	Angeletti, K.	EDU-1235B	405-2344
Graduate Student Services	Campbell, E.G.	EDU-1205	405-2350
EDUCATION POLICY, PLANNING AND ADMINISTRATION			
Frank A. Schmidtlein, Acting Chairperson	EDU-2115	405-3590	
COUNSELING & PERSONAL SERVICES			
School Psychology	Rosenfield, S.	EDU-3214C	405-2858
	Teglasi, H.	EDU-3222	
	Strein, W.	EDU-3212	
School Counseling	Greenberg, K.	EDU-3222	
Community Counseling	Power, P.	EDU-3228	
College Student Personnel	McEwen, M.	EDU-3128	
Counseling Psychology	Birk, J.	EDU-3215	
	Hoffman, M.	EDU-3218	
Rehabilitation Counseling	Power, P.	EDU-3214A	
	Lawrence, R.	EDU-3234F	
Counseling & Consultation	Hershenson, D.	EDU-3214C	
CURRICULUM & INSTRUCTION			
Dr. Anne Howe, Department Chair		**EDU-2311B**	**405-3324**
Art Education	**Criag, R.**	**EDUC-2304L**	
	McWhinnie, H.	**EDUC-2304C**	
Early Childhood Education	**Amershek, K.**	**EDU-2307B**	
	Fein, G.	**EDU-231 IF**	
	Klein, E.	**EDU-23 1 IG**	
English-Speech Education	**McCaleb J.**	**EDUC-2304J**	
	Slater, W.	**EDUC-2304E**	
Foreign Language Education	**DeLorenzo,**	**EDU-2304G**	
	Wong, S.	**EDU-2233**	
Language Arts Education	**O'Flahavan, J.**	**EDU-2304F**	
	Roderick, J.	**EDU-2231**	
Mathematics Education	**Campbell, P.**	**EDUM-2226**	
	Carey, D.	**EDUCM-2226E**	
	Davidson, N.	**EDUM-2226C**	
	Fey, J.	**EDUC-2226B**	
	Graeber, A.	**EDUC-2226F**	
	Johnson, M.	**EDUC-2226G**	
Music Education	**Folstrom,R.**	**TWS-3 141**	
Physical Education	**Owens, L.**	**HHP-2338**	**405-2495**
Reading Education	**Afflerbach**	**EDU-I 1 17D**	
	Davey, H.	**EDU-2304K**	
	Dreher, J.	**EDU- 11 17H**	
	Gambrell, L	**EDU- 11 17G**	
	Grant, R.	**EDU- 11 17J**	
	Saracho, O.	**EDU-2304H**	
Science Education	**Holliday, W.**	**EDUC-2226L**	
	Layman, J.	**EDUC-2226J**	
	McGinnis, J	**EDUC-2226**	
Social Studies	**Cirrincione, J.**	**EDU-2227**	
	Jantz, R.	**EDU-2229**	
	VanSledright, B.	**EDU-2223**	
Teacher Educaaon	**Valli, Linda**	**EDU-23 1 1**	

ACADEMIC INFO 25

ACADEMIC ADVISORS

INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION			
Industrial Arts-Technology Education	Beatty, C.	JMP-3216J	405-4551
Industrial Technology	Sullivan, D.	JMP-3216S	
Vocational Education	Herschbach, D.	JMP-3216F	
Business Education	Marshall, S.	JMP-3216	
Home Economics Education	Gentzler, Y.	JMP-3216	
HUMAN DEVELOPMENT INSTITUTE FOR CHILD STUDY	**Flatter, C.**	EDU-3304	405-2818
	Hardy, R.	EDU-3304	405-2827
MEASUREMENT, STATISTICS AND EVALUATION	Lissitz, B	.EDU-1228	405-3624
SPECIAL EDUCATION	Beckman, P.	EDU-1240B	405-6485
	Burke, P.	EDU-1308	
	Cooper, D.	EDU-1240A	
	Egel, A.	EDU-1240C	
	Graham, S.	EDU-1308D	
	Harris, K.	EDU-1311D	
	Harry, B.	EDU-1311A	
	Hebeler, J.	EDU-1308	
	Kohl, F.	EDU-1240D	
	Leone, P.	EDU-1240E	
	Lieber, J.	EDU-1238	
	McLaughlin, M.	EDU-1500P	
	Neubert, D.	EDU-1242	
	Nolet, V.	EDO-1311C	
	Speece, D.	EDU-1240F	

For advising and information, intended Education majors contact: Dawn Mulloy (EDSP) in room 1235 Education Building; Staff (EDCI) in room 2311D Education Building; Kathy Angeletti (Undesignated or undecided) in room 1210 Education Building; or for EDIT program, call 405-4538.

COLLEGE OF ENGINEERING

General Information

Dr. George Dieter, Dean		EGR-1137	405-3868
Dr. Horace Russell, Assistant Dean		EGR-1137	405-5284
Counselors	Rooney-Eckel, E.	EGR-1131	405-3855
	TBA	EGR-1131	405-3855
	Baldwin, R.	EGR-1131	405-3855
Center for Minorities in Science and Engineering			
Rosemary Parker		EGR-1134	405-3878
Lawanda Saddler-Assem, Assistant Director		EGR-1134	405-3878
AEROSPACE	Jones, E.	EGR-3188	405-1125
AGRICULTURAL	Shirmohamadi, A.	SHR-1130-C	405-1185
CHEMICAL	Smith, T.	CHE-1223B	405-1918
CIVIL	Birkner, F.	EGR-1172	405-1948
ELECTRICAL	Pugsley, J.	AVW-2429	405-3685
FIRE PROTECTION	Milke, J.	EGR-0151C	405-3992
MECHANICAL	Walston, W.	EGR-2188	405-2409
NUCLEAR	Pertmer, G.	CHE-239A	405-2207
Engineering Co-op Program	Sauber, H.	EGR-1137B	405-3862

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

General Information			
Dr. John Burt, Dean		HHP-3310D	405-2438
Dr. Jerry Wrenn, Associate Dean		HHP-3310B	405-2442
Carol Vander Velden, Student Records		HHP-3310H	405-2442
Program Advisors			
KINESIOLOGY			
Kinesiological Sciences	Scott, M.	HHP-2322	405-2480
Physical Education	Owens, L.	HHP-2338	405-2495
RECREATION	Annand, V.	HHP-2356	405-2508
HEALTH EDUCATION			
Community Health, School Health	Hyde, D.	HHP-2374	405-2523
FAMILY STUDIES	Annand, V.	MMH-1214	405-7574

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean		JRN-1117	405-2399
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	405-2399
Olive Reid, Director of U.G. Programs		JRN-1119	405-2399
Undergraduate Advisors	Hoover, C.	JRN-1117	405-2395
	Hoover, J.	JRN-1117	405-2398
	Bucy,E.	JRN-1117	405-2396

COLLEGE OF LIBRARY & INFORMATION SCIENCES

Dr. Ann Prentice, Dean		HBK-4105	405-2033
Student Records and General Information	Barlow, D. (Asst. Dean)	HBK-4110	405-2038

COLLEGE OF LIFE SCIENCES

General Information

Dr. Paul H. Mazzocchi, Dean		SYM-1224	405-2080
Dr. William Higgins, Associate Dean		ZOP-2224	405-2078
Dr. Albert Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2085
BIOLOGICAL SCIENCES (New Program Fall 1991)			
	Olek, A. (Director)	SYM-1211	405-6892
	Armstrong, E.	SYM-2309	405-3912
	Barnett, N.	HJP-1219	405-1597
	Presson, J.	ZOP-2229	405-6904
	Smith, A.	MCB-2107	405-5430
BOTANY	Barnett, N.	HJP-1219	405-1597
CHEMISTRY/BIOCHEMISTRY	Harwood, W. (Director, Undergraduate Programs)	CHM-1309	405-1791
	Ammon, H.	CHM-1309	405-1791
	Boyd, A.	CHM-1309	405-1791
	Khanna, R.	CHM-1309	405-1791
	Ondov, J.	CHM-1309	405-1791
	Sampugna, J.	CHM-1309	405-1791
ENTOMOLOGY	Armstrong, E.	SYM-2309	405-3912
GENERAL BIOLOGICAL SCIENCES (Pre-Fall 1991)			
	Olek, A. (Director)	SYM-1211	405-6892
	Armstrong, E.	SYM-2309	405-3912
	Barnett, N.	HJP-1219	405-1597
	Presson, J.	ZOP-2229	405-6904
	Smith, A.	MCB-2107	405-5430
MICROBIOLOGY	Benson, S.	MCB-3136	405-5478
	Gdovin, S.	MCB-2116	405-7254
	Joseph, S.	MCB-2118	405-5452
	Roberson, B.	MCB-2109	405-5445
	Smith, A. (Coord.)	MCB-2107	405-5430
	Stein, D.	MCB-2113	405-5448
	Weiner, R.	MCB-2111	405-5446
	Yuan, R.	MCB-1119	405-5436
ZOOLOGY			
Undergraduate Advising Information		ZOP-2229	405-6904
PRE-PROFESSIONAL	Bradley, L.	TUR-3103	405-2793

SCHOOL OF PUBLIC AFFAIRS

Dr. Michael Nacht, Dean	MPA-2101	405-6330

UNDERGRADUATE STUDIES

Dr. Ira Berlin, Acting Dean	2130 Mitchell	405-9363
Dr. Maynard Mack, Jr. Associate Dean	2130 Mitchell	405-9359
BACHELOR OF GENERAL STUDIES DEGREE PROGRAM		
(Program closed, no new admission)		
INDIVIDUAL STUDIES PROGRAM		
Dr. Bonnie Oh, Assistant Dean	2130 Mitchell	405-9355
LETTERS AND SCIENCES (L&S)		
Dr. Betty Beckley, Assistant Dean and Director	HBK-1117	314-8418
Dr. Wendy Whittemore, Assistant Director	HBK-1117	314-8418
Barbara Bennett, Exceptions to Academic Policy	HBK-1117	314-9401
Theresa McCain, Credit by Exam	HBK-1117	314-9423
Vee Vee Coleman, Receptionist	HBK-1117	314-8418

L&S ADVISOR CONSULTANTS

Transfer Year Coordination	Tom Steen	HBK-1117	314-8418
Walk-In Advising	Sharon Dass	HBK-1117	314-8418
Mathematics Placement	Roberta Smit	HBK-1117	314-8418
Second Year Programs	Harriet Nokuri	HBK-1117	314-8418
Retention	Shirley Hess	HBK-1117	314-8418
Major Programs	Lynette Adams	HBK-1117	314-8418
Program for Interim Advising	Richard Sullivan	HBK-1117	314-8418

SPECIAL INTEREST AREAS

Architecture	Susan Darcey	HBK-1117	314-8418
Business	Ingrid Bakalorz	HBK-1117	314-8418
Computer, Math, Physical Science	Robert Smit	HBK-1117	314-8418
Journalism	John Cordes	HBK-1117	314-8418
Health & Human Performance	Chris DeSouza	HBK-1117	314-8418
Pre-Law	Michele Holten, J.D.	HBK-1117	314-8418

GENERAL ADVISORS

Ingrid Bakalorz	HBK-1117	314-8418
John Cordes	HBK-1117	314-8418
Susan Darcey	HBK-1117	314-8418
Chris DeSouza	HBK-1117	314-8418
Michael Dumas	HBK-1117	314-8418
Dean Hebert	HBK-1117	314-8418
John McConnell	HBK-1117	314-8418
Katherine Scott	HBK-1117	314-8418
Jill Schultz	HBK-1117	314-8418
Margaret Virkus	HBK-1117	314-8418
Suhas Yerra	HBK-1117	314-8418

ADVISING ASSISTANTS

Sid Abrams	HBK-1117	314-8418
Andra Gluck	HBK-1117	314-8418
Berry Hill	HBK-1117	314-8418
Javier Hernandez	HBK-1117	314-8418
Wendy Japal	HBK-1117	314-8418
Loretta Villar	HBK-1117	314-8418
Vernon Warnick	HBK-1117	314-8418
Jessica Whitmoyer	HBK-1117	314-8418

LAW AND HEALTH PROFESSIONS ADVISING

Pre-Law	Hotlen, M.	HBK-1117	314-8418
Pre-Dentistry	Bradley, L.	TUR-3103	405-2793
Pre-Medicine			
Pre-Optometry			
Pre-Osteopathy			
Pre-Podiatry			
Pre Dental Hygiene	Stewart, D.	TUR-3103	405-2793
Pre-Medical and Research Technology			
Pre-Nursing			
Pre-Pharmacy			
Pre-Physical Therapy			

OFFICE OF MULTI-ETHNIC STUDENT EDUCATION

Academic Support Unit

Dr. Mary Cothran, Director	HBK-1101	405-5616
Dr. Jennifer V. Jackson, Assistant Director	HBK-1101	405-5616
Dr. Ronald Zeigler, Research Coordinator	HBK-1101	405-5616
Mr. Joel Smith, Academic Coordinator	HBK-1101	405-5616
Ms. Dottie Bass, Coordinator Outreach and Programming	HBK-1101	405-5616
Ms. Bobbie Lee, Secretary	HBK-1101	405-5616

26 ACADEMIC INFO

ACADEMIC PROGRESS/COURSE NUMBERING/REPEAT POLICY

Requirements for Satisfactory Academic Progress—*Undergraduate Students*

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4
B = 3
C = 2
D = 1
F = 0 × NUMBER OF CREDITS = TOTAL QUALITY POINTS FOR THE COURSE

3. An example of how a SEMESTER G.P.A. and a CUMMULATIVE G.P.A. are calculated is given below:

Course	Credits Attempted	Grade	Quality Points
ENGL 101	3	C	8
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74

SEMESTER GPA = SEMESTER QUALITY POINTS / SEMESTER CREDITS ATTEMPTED = 34/16 = 2.125

CUMULATIVE GPA = TOTAL QUALITY POINTS / TOTAL CREDITS ATTEMPTED = 108/43 = 2.511

4. When a course is REPEATED, the grades will be averaged for the purpose of determining the number of quality points used to calculate the cumulative grade point average. First semester students and freshmen through the first 24 credits will receive quality points appropriate for the higher grade when calculating the grade point average. See also, "REPEATING COURSES" below.

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding.grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses with grades of A, B, C, D, F, P, S and transfer credit from other institutions, Advanced Placement, CLEP and other similar tests in which credit is given.

CREDIT LEVEL	UNSATISFACTORY PERFORMANCE	ACADEMIC WARNING	ACADEMIC DISMISSAL
0-13	1.290-1.999	0.230-1.289	0.000-0.229
14-28	1.780-1.999	1.280-1.799.	0.000-1.279
29-56	1.860-1.999	1.630-1.859	0.000-1.629
57-74	1.940-1.999	1.830-1.939	0.000-1.829
75 OR MORE	—	1.940-1.999	0.000-1.939

1. Students whose cumulative G.P.A. falls within the UNSATISFACTORY PERFORMANCE category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an ACADEMIC WARNING will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of their next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23 or higher. After this first semester, the student will be subject to normal standards for academic progress. NOTE: This provision does not apply to students reinstated or readmitted to the College park Campus. A transfer student is defined as a student who has attended any regionally accredited institution of higher education following graduation from high school and attempted 9 or more credits.

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy**—The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. DURING THIS DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS. If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.

   Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Students may have one repeat of any given course in which a grade of A, B, C, D, F, P, S, or W has been earned on their records. If a course is repeated in which a student already has earned a grade of A,B,C,D,P, or S, the subsequent attempt will not increase the total credits earned toward the degree. All attempts at a given course resulting in one of the above noted grades will be included in the computation of the grade point average.
2. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a "W" notation will count as one of these two registrations.
3. Incompletes—The mark of 'I' cannot be removed through re-registration for the course or through "credit by examination."
4. For complete information on the Repeat Policy on this page or your academic advisor.

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS OR ABOUT OTHER ACADEMIC POLICIES AND REQUIREMENTS AT College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily courses for first-year students
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course (not for graduate degree credit)
600-699	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit

NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

UNDERGRADUATES—eligible to register for courses numbered 000-499.

GRADUATE—eligible to register for courses numbered 400-899.

Repeat Policy-Undergraduate Students

The following policies apply to ALL courses that may not be repeated for additional credit.

1. The following students are required to follow the **new** Repeat Policy:
   a. All new freshmen who began at UMCP Fall 1990 and after.
   b. Transfer students from schools other than Maryland Community Colleges who began at UMCP Fall 1990 and after. This includes transfer students from another University of Maryland institution. (NOTE: There is one exception to this for students attending UMBC's College of Engineering.)
2. There is a limit to the number of times a student may repeat a course. **Students may have ONE repeat of any course in which they earned an A, B, C, D, F, P, S, W, I, NGR, or Audit;** they cannot be registered (after the Schedule Adjustment Period) for any given course more than twice. A student's Dean's Office may grant an exception allowing an additional course repeat. In this case, students must present a plan for successfully completing the course. **All attempts WILL be counted toward the total limit for repeatable credits.**
3. There is a limit to the number of credits that a student may repeat. The number of repeatable credits depends on each student's class standing when admitted to UMCP. The total credits at entry will be based on *acceptable* transfer credit, Advanced Placement, CLEP credits, etc. The following table outlines repeatable credit limits:

Credits at Entry	Class	Repeatable Credits
0-27	Freshman	18
28-55	Sophomore	14
56-85	Junior	10
86+	Senior	6

Under very unusual circumstances, a student may obtain an exception to these limitations by appealing to the Vice President for Academic Affairs/Provost.

4. The grade point average will include all attempts at a given course that results in a grade of A, B, C, D, or F. However, to help **freshmen and transfer students** adjust to the UMCP campus, the following two exceptions allow for the cumulative G.P.A. to be calculated so that **only the higher grade is included:**
   a. When the repeated course was taken within the student's first semester at UMCP,
   or
   b. When the repeated course was taken within the student's first 24 credit hours attempted (including transfer credits) or within the semester during which the student reached the 24th credit hour attempted
5. Any grade earned in prior attempts of a repeated course will appear on the student's transcript, regardless of whether the grade is dropped from, or averaged into, the cumulative grade point average.
6. Repeat by transfer—If a student repeats by transfer a course that was taken before or during the semester in which the student reached 24 credits attempted (including transfer credits) and the transfer grade is higher, then the original grade in the course will be excluded from the G.P.A. calculation.
   - If the course was taken after the semester in which the student reached 24 credits attempted, then the transfer course will not replace the original grade in the G.P.A. calculation. Special exceptions can be requested by the student's college dean in unusual circumstances.

ACADEMIC INFO 27

Repeat Policy Prior To Fall 1990

The following students should follow the old Repeat Policy in the Undergraduate Catalog:

1. Students who began at UMCP before Fall 1990 (including students who entered UMCP for summer 1990)
2. Transfer students who began at a Maryland Community College before Fall 1990.
3. UMBC College of Engineering students who began before 1990.

Full-Time Status

DETERMINATION FOR UNDERGRADUATE STUDENTS

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

FULL-TIME status is based on the following criteria:

1. Registered for 9 or more semester hours at the end of the Schedule Adjustment Period.
2. Courses registered for **AUDIT** are not included in the calculation of credits for full-time status.
3. UMEI PROGRAM Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

NOTE: Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University.

Major Changes

If you wish to process a major change, go to the college.associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture (pending review), Business & Management, Education (pending review), Engineering, Government & Politics, Journalism, and Psychology should contact the Office of Undergraduate Admissions, 314-8378, for additional information regarding special requirements for entrance into these programs. Students with fewer than 56 credits not admitted directly into these programs may be admitted to the Division of Letters and Sciences, by going to the Undergraduate Advising Center and indicating a desire to do so.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The department advisor, Professor Gregory Staley, located in room 2407F of Marie Mount Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102, with two full years, LATN 201. College credit is given to students who have earned 4 or 5 on the Advanced Placement Test in Latin.

French Department: Students who wish to register for FREN 101-203 must do so in accordance with the guidelines below. Exceptions may be granted only by written permission of the course chairperson. A student whose knowledge of French as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Placement Guidelines:

FREN 101: For students who have never studied French or who have studied less than two years in high school.

FREN 102: For students who have completed FREN 101 on this campus.

FREN 103: For students with two years of high school French. This is a review of work normally completed by the end of Level 2. Students will not receive credit for FREN 103 if they have already received credit for FREN 102.

FREN 203: For students whose high school transcript shows completion of Level 3.

The French Department does not offer placement testing. For further assistance please contact Dr. Celeste Kinginger, Room 3123 Jimenez Hall.

Spanish Department. Students who wish to register for Spanish 101-205 must do so in accordance with the guidelines below. Any exception necessitates permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 103, 201 or 202. See individual course description for more details.

A student whose knowledge of Spanish as deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 201 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for Spanish 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 211 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Department Advisor for additional information.

Spanish 101
0 years of Spanish
Level 1 Spanish
Level 2 Spanish with a grade of C or below

Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of A orB *(preferable placement is SPAN 103)*

Spanish 103
Level 2 Spanish with a grade of A or B
Level 3 Spanish with a grade of C or below
Native speakers or majors of another Romance Language

Spanish 201
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of A or B
Level 4 Spanish with a grade of C or below

Spanish 202 or 211
Spanish 201 at the University of Maryland or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of A or B

Spanish 206
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Spanish 207
Spanish 202 or concurrent registration in Spanish 202

Chinese Placement: Non-majors are required to have an interview with the program placement advisor. Dr. William Brown, before they will be permitted to enroll for any Chinese language course (except CHIN 403 and 404).

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106. Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing will be on Tuesday, January 18 at 3:00 p.m. and Wednesday, January 26 at 2.00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein 314-7688 for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways.

1. Successful completion of a 12 credit sequence or intermediate level in college language courses.
2. Successful completion of level 4 in one language or level 2 in each of 2 languages in high school.
3. Successful completion of a language placement examination in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, up to three courses with at least one course at the intermediate level and no more than one course at the introductory level. (High School equivalency does not satisfy this requirement.) Students may opt for a quantitative reasoning track in lieu of the language skills requirement.

Pass-Fail Option (Undergraduate Students)

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES. GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

UMEI Program

Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

Undergraduate Student Classifications

Freshman	1-27 semester hours	**Junior**	56-85 semester hours
Sophomore	28-55 semester hours	**Senior**	86 to at least 120 semester hours

**Zero level course work is not used in the calculation of cumulative credit hour totals.*

Zero-Level Courses

*** MATH 001* MATH 002***

These courses carry credit for billing and determination of full-time and part-time status. These courses are excluded from the calculation of semester and cumulative grade point averages.
MATH 001/002 fees are discussed under Fees and Expenses.

28 ACADEMIC INFO

ACADEMIC DISHONESTY

Academic Dishonesty

Academic dishonesty is a corrosive force in the academic life of a university. It jeopardizes the quality of education and depreciates the genuine achievements of others. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act. **All members of the University Community—students, faculty, and staff—share the responsibility to challenge and make known acts of apparent academic dishonesty.**
Any of the following acts, when committed by a student, is an act of academic dishonesty.

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's *A Manual for Writers of Term Papers, Theses and Dissertations.)*
2. *Paraphase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
3. *"Borrowed Facts or Information":* Information that is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged. Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

Academic dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

A forty member Student Honor Council has the responsibility to investigate allegations of academic dishonesty and to convene Honor Boards to adjudicate charges. In specified circumstances, the Student Honor Council will accept petitions to remove the grade of "XF" from a transcript and replace it with the grade of "F."

TO REPORT ACADEMIC DISHONESTY CALL THE HONOR COUNCIL AT 314-8450

STUDENTS INTERESTED IN SERVING ON THE HONOR COUNCIL SHOULD CALL THE HONOR COUNCIL AT 314-8450

The *Code of Academic Integrity* is reprinted in full in the Undergraduate Catalog. For further information, contact the Student Honor Council,2118 Mitchell Building (314-8450).

Attendance And Assessment Policy

ATTENDANCE

1. The university expects each student to take full responsibility for his/her academic work and academic progress. The student, to progress satisfactorily, must meet the quantitative requirements of each course for which he/she is registered. Students are expected to attend classes regularly, for consistent attendance offers the most effective opportunity open to all students to gain developing command of the concepts and materials of their course of study. However, attendance in class, in and of itself, is not a criterion for evaluation of the student's degree of success or failure. Furthermore, absences (whether excused or unexcused) do not alter what is expected of the student qualitatively and quantitatively. Except as provided below, **absences will not be used in the computation of grades, and the recording of student absences will not be required of the faculty.**
2. It is the policy of the university to excuse the absences of students that result from the following causes: illness (where the student is too ill to attend class), religious observance (where the nature of the observance prevents the student from being present during the class period), participation in university activities at the request of university authorities, and compelling circumstances beyond the student's control. Students claiming excused absence must furnish documentary support for their assertion that absence resulted from one of these causes.
3. In certain courses, in-class participation is an ongoing requirement and an integral part of the work of the course, for example, courses in public speaking, requiring group discussion, emphasizing physical activity, conversation in foreign languages, and courses with laboratories. In other courses, occasional in-class assessments may occur, sometimes without advance notice. It is the responsibility of the instructor to inform each class at the beginning of the semester of the nature of in-class participation expected and what effect absences will have on the evaluation of the student's work in the course.
4. Absences in courses where In-class participation is a significant part of the work of the course shall be handled by the instructor in accordance with the general policy of the course department and college.

ASSESSMENT (Examinations, Tests, Quizzes)

1. The university provides for the rescheduling of significant student assessments without penalty, when such assessments are missed by students with an excused absence, except in cases where the nature of the assessment precludes the possibility of rescheduling. In no case may an examination be scheduled on Rosh Hashanah, Yom Kippur, Good Friday or the first two days at Passover. (Students who have concerns about other religious observances should consult with their instructor at the start of the semester.) An instructor is not under obligation to give a student a make-up assessment unless failure to perform was due to illness (where the student is too ill to attend class), religious observance (where the nature of the observance prevents the student from being present during the class period), participation in university activities at the request of university authorities, or compelling circumstances beyond the student's control. In cases of dispute, the student may appeal to the chair of the department offering the course within one week from the date of the refusal of the right to a make-up assessment. In those instances where the instructor is the chair, the appeal may be made to the dean. The decision of the department chair or college dean is final. When permitted, a make-up assessment must be given on campus unless the published schedule or course description requires other arrangements. The make-up assessment must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, be at a comparable level of difficulty with the original assessment, and be given within a time limit that retains the currency of the material. The make-up assessment must not interfere with the student's regularly scheduled classes. In the event that a group of students requires the same make-up assessment, time may be scheduled at the convenience of the instructor and the largest possible number of students involved.
2. The student must notify the instructor of the reason for absence as soon as possible. **Where the reason for absence from a scheduled assessment is known well in advance** (for example, in cases of religious observance or participation in university activities at the request of university authorities), **THE STUDENT MUST INFORM THE INSTRUCTOR BY THE END OF THE SCHEDULE ADJUSTMENT PERIOD.** Prior notification is especially important in connection with final examinations, since failure to reschedule a final examination before conclusion of the final examination period may result in loss of credits during the semester. Where the reason is not known well in advance (for example, in cases of illness or compelling circumstances beyond the student's control), the student must inform the instructor as soon as the reason develops, or as soon as possible after its development.
3. All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes.* Unpublished changes in the scheduling or location of classes/tests must be approved by the department chair and reported to the dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests, and examinations.
4. A final examination shall be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department or the dean. All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Final Examination Schedule without written permission of the department chair.
5. Graduating seniors will be expected to take final examinations during the regular final examination period. However, **graduating seniors are not required to take final examinations on the day of graduation or on any regularly scheduled day following graduation. In courses with examinations scheduled on those days, graduating seniors must notify their instructors by the end of the Schedule Adjustment Period.**
6. The chair of each department is responsible for the adequate administration of examinations in courses under his/her jurisdiction.
7. Every examination shall be designed to require for its completion not more than the regularly scheduled period. In the case of final examinations, the time allowed should not exceed the scheduled final examination period.
8. A typewritten, mimeographed or printed set of questions shall be placed in the hands of every examinee in every test or examination requiring at least one period, unless the dean has authorized some other procedure.
9. The following rules shall govern all university examinations, unless the instructor for a specific course stipulates alternate rules for that course. A breach of any of the rules shall constitute "disruption of class," a disciplinary offense *(Code of Student Conduct,* section 9[j]), and may serve as the basis of an allegation of academic dishonesty.
   a. Students arriving late for an examination may not unreasonably disrupt the examination room.
   b. Students must leave all unauthorized materials (e.g., books, notes, calculators) with the proctor before being seated.
   c. Where seating arrangements are established by proctors, students must conform to these arrangements.
   d. Students may not return to an examination room after leaving, unless permission to do so has been granted by the proctor prior to the student's departure.
   e. Students must cease conversation prior to the passing out of examination papers and maintain silence during the entire examination period.
   f. Students must place examination papers face down on the writing desk until the examination is officially begun by the proctor.
   g. Students must keep examination papers flat on the writing desk at all times.
   h. Students at an examination must be prepared to show current university identification.
10. Each faculty member is to retain, for one full semester after a course is ended, the students' final examinations. If a faculty member goes on leave for a semester or longer, or leaves the university, the final examinations and grade records for the course must be left with the department chair.

CORE

GENERAL EDUCATION PROGRAM & REQUIREMENTS

The Purpose of General Education

Participation in a democratic society requires more than the central instruction provided by one major field of study. In our world of rapid economic, social, and technological change, a strong and broadly-based education is essential.

General education helps you achieve the intellectual integration and awareness you need to meet challenges in your personal, social, political, and professional lives. General education courses introduce you to the great ideas and controversies in human thought and experience. These courses provide the breadth, perspective, and rigor that allow UMCP graduates to claim to be "educated people."

Most Americans change their careers several times during their lifetime. A solid general education provides a strong foundation for the life-long learning that makes career-change goals attainable.

HOW TO GET THE MOST OUT OF YOUR GENERAL EDUCATION

* **PLAN** ahead and see an academic advisor regularly.
* **INVEST** in yourself; select CORE courses that will add to your understanding and appreciation of social, cultural, national, and international issues.
* **REMEMBER** that many general education courses can be double counted as major, department, and college requirements. Check listings carefully.

Which General Education Program is for YOU?

CORE

THE CORE LIBERAL ARTS AND SCIENCES STUDIES PROGRAM (CORE)
CORE was created to implement the Campus Senate report, "Promises to Keep: The College Park Plan for Undergraduate Education", which stressed active learning, writing, and critical thinking skills. CORE has been the required general education program at UMCP since Fall 1990. If you entered UMCP in May 1990 or thereafter with eight or fewer credits earned from UMCP or any other college, you must complete the CORE Program. Advanced Placement (AP) and other examination-based credits may fulfill some CORE, department, or college requirements, but these credits are not used to determine which general education program you complete. See CORE requirements and course lists on pages 30 and 31.

USP

THE UNIVERSITY STUDIES PROGRAM (USP)
USP preceded the CORE General Education Program. If you entered UMCP before May 1990 or if you entered with nine or more credits earned before May 1990 from UMCP or any other college, you may complete your general education requirements under USP. Advanced Placement (AP) and other examination-based credits may fulfill some CORE, department, or college requirements; but these credits are not used to determine which general education program you complete. You may choose to complete CORE instead of USP, and should consult your academic advisor about the possible benefits of doing so. See USP requirements and course lists on pages 32 and 33.

If You Transferred from a Maryland Community College, you will be treated as if your registration dates were concurrent with enrollment at the University of Maryland at College Park for the purpose of determining which general education program, CORE or USP, you must complete.

If You have Already Earned a Bachelor's Degree from a regionally accredited college or university, you are not required to complete general education requirements in order to earn a second bachelor's degree at UMCP.

Statute of limitations for previous General Education Programs at UMCP (GEP, GUR, USP)

If you returned or transferred to the College Park campus after August 1987, you will no longer have the option of completing general education requirements under the older General Education Program (GEP) or General University Requirements (GUR). Thereafter, if you return or transfer to College Park after a separation of five continuous years, you must follow the requirements in effect at the time of re-entry. If you had completed 60% of the general education requirements in effect at the time of separation, an exception may be granted.

CORE Liberal Arts & Sciences Studies Program (CORE)

The CORE Program strategically builds a sound skill and knowledge base over your four years of baccalaureate study and represents about one third of the total academic work you will complete for graduation.

At UMCP, the CORE has four major components:

FUNDAMENTAL STUDIES build your competence and confidence in basic writing and mathematics.beginning in your first year at UMCP. Mastery of these basics greatly enhances your success both during and after college.

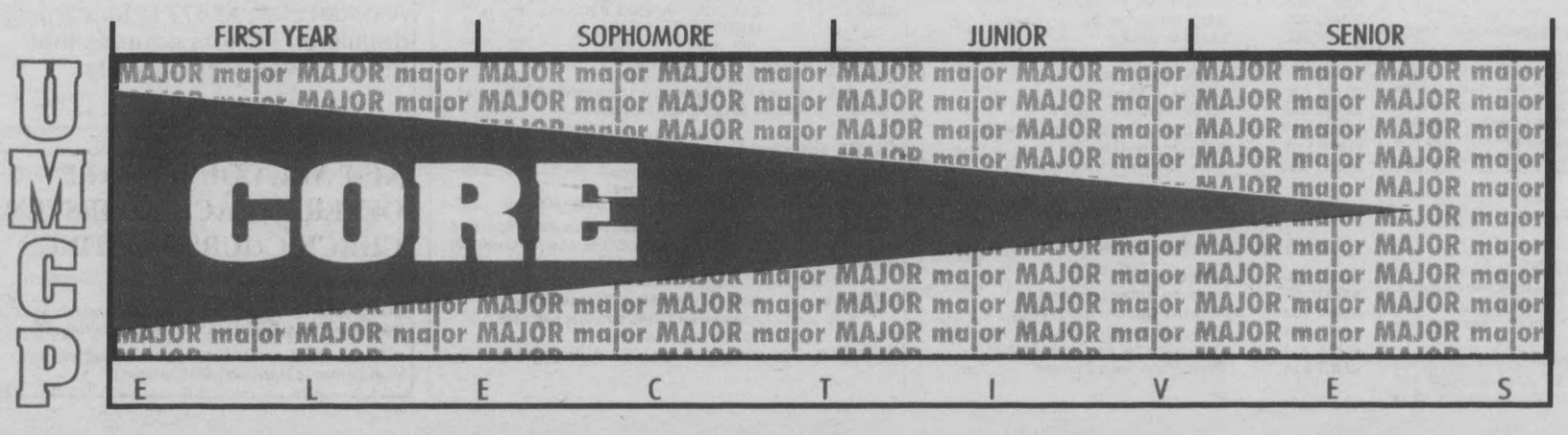
DISTRIBUTIVE STUDIES introduce you to broad areas of learning in many disciplines during your first two years of coursework. Through these courses, you will explore different kinds of knowledge and the very nature of scholarship in the humanities, arts, natural sciences, mathematics, social sciences, and history.

HUMAN CULTURAL DIVERSITY encourages you to learn about attitudes and cultures different from your own. You may complete the Diversity requirement at any time before graduation.

ADVANCED STUDIES intensify the exploration you began with Distributive Studies. During your junior and senior years, Advanced Studies courses encourage you to reflect upon the ways in which people in disciplines outside your own major approach contemporary social and ethical problems.

NOTE: For those students enrolled at UMCP under the CORE requirements who will graduate in December 1993, May 1994, and August 1994, only one Advanced Studies course (CORE: Analysis of Social and Ethical problems or CORE: Development of Knowledge) will be required for graduation. CORE approved Capstone courses may not be used as the one required Advanced Studies course. These students must meet all other graduation requirements : all other CORE requirements, the requirements of their major; the requirements (if any) of their college or school,;and the credit requirement for the degree in each program as published in the Undergraduate Catalog.

Approximate distribution of CORE courses throughout undergraduate program.



30 CORE

CORE PROGRAM OUTLINE

Courses used to fulfill CORE Requirements:

MUST be selected from the approved CORE course list. **MAY** also be used to satisfy college, major, and/or supporting area requirements if the courses also appear on CORE Fundamental or Distributive Studies lists. **MAY NOT** be taken on a Pass-Fail basis.

CORE FUNDAMENTAL STUDIES *3 courses*

1. One course in Introduction to Writing

[Must be attempted within first thirty credits and passed within first 60.]

Approved CORE Intro. to Writing Courses:

ENGL 101 **Introduction to Writing**
ENGL 101A **Introduction to Writing** (Must be taken if student has TSWE [SAT verbal subtest] score below 330)
ENGL 101H **Introduction to Writing** (Honors Students)
ENGL 101X **Introduction to Writing** (Students for whom English is a second language may register forENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following:

(1) 550 on the TOEFL, **or**

(2) 220 on the Comprehensive English Language Test (CELT) administered at the College Park campus by the Maryland English Institute (MEI), **OR**

(3) successful completion of the MEI's semi-intensive course in English.

Note: Based on TOEFL or CELT scores, students may be required to complete English language instruction for non-native speakers through the MEI before being allowed to register for ENGL 101X.)

Exemptions from Introduction to Writing:

* SAT verbal score 600 or above **OR**
* AP English score of 4 or 5

2. One course in Mathematics

(Must be attempted within first thirty credits and passed within first 60.)

Approved CORE Fundamental Studies Mathematics Courses:

MATH 110 **Elementary Mathematical Models, or**
MATH 115 **Pre-calculus**, or
Any 100 or 200 level MATH or STAT course except MATH 210 and MATH 211

Exemptions from Mathematics:

* SAT Math score 600 or above; **OR**
* College Board Achievement Test in Mathematics, Level I or II, score of 600 or above; **OR**
* AP score of 3 or above in Calculus AB or BC; **OR**
* Any CLEP Subject Examination in Mathematics score 60 or above.

3. One course in Professional Writing

(after 56 credits).

Approved CORE Professional Writing:

ENGL 391 Advanced Composition
ENGL 391H **Advanced Composition** (Honors Students)
ENGL 391X **Advanced Composition** (English as a Second Language [ESL])
ENGL 392 **Advanced Composition** (pre-law)
ENGL 393 **Technical Writing**
ENGL 393H Technical Writing (honors students)
ENGL 393X **Technical Writing** (ESL)
ENGL 393Z Technical Writing (inc. computer assisted instruction)
ENGL 394 **Business Writing**
ENGL 395 **Technical Writing** (pre-med and health careers)

Exemption from Professional Writing:

*Grade of "A" in ENGL 101 (NOT ENGL 101A or ENGL 101X), except for students majoring in Engineering.

Note: No exemption from the Professional Writing requirement will be granted for achievement on SAT verbal exam.

CORE DISTRIBUTIVE STUDIES *9 courses*

1. Humanities and the Arts - *3 courses*

* One course from **Literature** list, and
* One course from **History/Theory of the Arts** list, and
* One more course from **Literature**, **OR History/Theory of Arts**, **OR Humanities** lists

2. Mathematics and the Sciences - *3 courses*

* Up to two courses from **Physical Sciences** list, and * Up to two courses from **Life Sciences** list, and
* Up to one course from **Mathematics/Formal Reasoning** list

*Notes: One course **MUST** include or be accompanied by a lab taken in the same semester. More than one lab course may be taken. All three courses may be selected from the science lists.*

3. Social Sciences and History - *3 courses*

* One course from **Social/Political History** list, and
* Two courses from **Behavioral and Social Sciences** list

CORE ADVANCED STUDIES *2 courses* *

*Refer to page 29 note

* One course from **Analysis of Social and Ethical Problems** list (outside the major; after 56 credits), **AND**
* One more course chosen from **Analysis of Social and Ethical Problems** list *(outside the major; after 56 credits)*, **OR Development of Knowledge** list *(outside the major; after 56 credits)*,**OR** Approved CORE Capstone list *(within major; after 86 senior)*

Notes: For CORE credit, Analysis of Social and Ethical Problems and Development of Knowledge courses must be taken outside the major and after 56 credits. CORE Capstone courses must be taken within the major and after 86 credits. Successful completion and defense of an honors thesis in either the General Honors or a Departmental Honors Program counts as CORE Capstone credit.

CORE HUMAN CULTURAL DIVERSITY *1 course*

Cultural Diversity courses focus primarily on: (a) the history, status, treatment, or accomplishment of women or minority groups and subcultures; (b) non-Western culture, or (c) concepts and implications of diversity.

Note: A number of CORE Cultural Diversity courses also satisfy CORE Distributive Studies or CORE Advanced Studies requirements or a college, major, and/or supporting area requirement.

APPROVED CORE COURSE LIST

***Courses scheduled to be offered in Spring '94 appear in bold. The list is correct as of press time; however, offerings are subject to change. Not all approved courses are offered each semester.** Check course listings.*

CORE FUNDAMENTAL STUDIES

*PLEASE REFER TO **CORE OUTLINE** FOR COURSE REQUIREMENTS AND EXEMPTIONS.*

CORE DISTRIBUTIVE STUDIES *9 courses*

1. *Students meeting CORE requirements must select courses from the CORE lists only.*
2. *Please consult the **Undergraduate Catalog** and the **CORE Guide** for additional information on requirements, prerequisites, etc.*
3. *In the following CORE Distributive Studies list, courses noted "(D)" also meet the CORE Diversity Requirement.*

Humanities & the Arts - *3 courses*

CORE Literature:

CHIN 213 **Chinese Poetry into English: Intro.** (D)
CHIN 313 Chinese Poetry & Prose in Transl'n (D)
CHIN 315 **Modern Chinese Lit. in Transl'n** (D)
CLAS 100 Classical Foundations
CLAS 170 **Greek & Roman Mythology**
CLAS 270 **Greek Lit. in Transl'n**
CLAS 271 Roman Lit. in Transl'n
CLAS 372 Classical Epic
CMLT 235 **Intro. to Lit. of the African Diaspora** (also as ENGL 235) (D)
CMLT 270 **Global Lit. & Social Change** (D)
CMLT 275 **World Lit. by Women in Cross-cultural Perspective** (D)
CMLT 277 Lit. of the Americas (D)
ENGL 201 **Western World Lit., Homer to the Renaissance**
ENGL 202 **Western World Lit., Renaiss -Present**
ENGL 205 **Intro. to Shakespeare**
ENGL 211 **English Lit. from Beginnings to 1800**
ENGL 212 **English Lit. from 1800 to the Present**
ENGL 221 **Amer. Lit.: Beginning to 1865**
ENGL 222 **Amer. Lit.: 1865 to the Present**
ENGL 234 **Intro. to African-American Lit.** (D)
ENGL 235 **Intro. to the Lit. of the African Diasporia** (also as CMLT 235) (D)
ENGL 240 **Intro. to Fiction, Poetry & Drama**
ENGL 241 **Intro. to the Novel**
ENGL 242 Intro. to Non-Fiction Prose
ENGL 243 **Intro. to Poetry**
ENGL 244 **Intro. to Drama**
ENGL 250 **Intro. to Lit. by Women** (D)
ENGL 277 **Mythologies: An Intro.**
FREN 240 **Masterworks of French Lit. in Transl'n**
FREN 241 Women Writers of French Expression in Transl'n (D)
FREN 242 **Black Writers of French Expression in Transl'n** (D)
FREN 250 **Readings in French**
FREN 351 **French Lit. from the Revol. - Present**
FREN 352 **French Lit. from Middle Ages - Revol.**
GERM 281 Women in German Lit. & Society (D)
GERM 282 Germanic Mythology
GERM 285 **German Film & Lit.**
GERM 349M Germanic Lit. in Transl'n: Masterworks of Yiddish Lit. (D)
GERM 371 **Ancient Indic Culture & Civilization**
GERM 372 Ancient Celtic Culture & Civilization
GERM 383 **Viking Culture & Civilization**
GERM 384 Germanic Chivalric Culture
HEBR 223 **The Hebrew Bible: Narrative**
HEBR 224 The Hebrew Bible: Poetry & Rhetoric
HEBR 231 Jewish Lit. in Transl'n
HONR *See note on page 30.
ITAL 241 **Modern Women Writers in Transl'n.**
ITAL 251 Intro. to Italian Lit.
ITAL 351 Italian Lit. from Dante to the Renaissance
ITAL 352 **Italian Lit. from the Renaiss. - Present**
RUSS 328 **19th Century Russian Lit. in Transl'n**
SPAN 221 **Intro. to Lit.**
SPAN 223 Rhetorical Strategies & Society in Golden Age Texts
SPAN 224 **Violence & Resistance in Americas** (D)
SPAN 321 Survey of Spanish Lit. I
SPAN 322 **Survey of Spanish Lit. II**
SPAN 323 Survey of Latin-American Lit. I
SPAN 324 **Survey of Latin-American Lit. II**

CORE History/Theory of the Arts:

AMST 205 **Material Aspects of American Life**
ARCH 170 **Intro. to the Built Environment**
ARTH 100 Intro. to Art
ARTH 200 **Art of the Western World I**
ARTH 201 **Art of the Western World II**
ARTH 275 **Art of Africa (D)**
ARTH 290 **Art of Asia (D)**
ARTT 150 **Intro. to Art Theory**
DANC 200 **Intro. to Dance (D)**
DESN 362 **Ideas in Design**
ENGL 245 Film & the Narrative Tradition
HONR * See note on page 30.
MUSC 130 **Survey of Music Lit.**
MUSC 140 **Music Fundamentals I**
MUSC 210 **The Impact of Music on Life (D)**
THET 110 **Intro. to the Theatre**
WMST 250 **Intro. to Women's Studies: Women, Art, & Culture (D)**

CORE Humanities Courses:

AASP 200 **African Civilization**
AMST 201 **Intro. to American Studies**
AMST 203 **Popular Culture in America**
AMST 204 Film & American Culture Studies
AMST 211 Technology & American Culture
CMLT 214 **Film, Form, and Culture**
EALL 300 The Languages of East Asia (D)
EDPA 210 Hist. & Philos. Perspectives on Education
FREN 202 **Honors Intermed. French (in French)**
GERM 280 **German-American Cultural Contrast**
HEBR 298J Special Topics in Jewish Studies: Authority, Faith, & Reason in Judaism (also PHIL 209I)
HIST 110 The Ancient World
HIST 112 The Rise of the West: 1500-1789
HONR * See note on page 30.
HORT 160 Intro. to Landscape Architecture
JAPN 317 Buddhism & Japanese Lit. in Transl'n
LING 240 **Language & Mind**
PHIL 100 **Intro. to Philosophy**
PHIL 101 **The Structure of Knowledge**
PHIL 102 Truth & Reality
PHIL 103 Self & Identity
PHIL 105 God & Cosmos
PHIL 110 **Plato's Republic**
PHIL 140 **Contemporary Moral Issues**
PHIL 201 Issues in the Philosophy of Life
PHIL 209I Phil. Issues: Authority, Faith, & Reason in Judaism (also HEBR 298J)
PHIL 243 Philosophy of Rural Life
PHIL 245 Political & Social Philosophy I
PHIL 250 **Philosophy of Science I**
PORT 223 Portuguese Culture (in English)
PORT 224 Brazilian Culture (in English) (D)
RUSS 281 **19th Century Russian Culture**
SPAN 125 Spain: From Kingdoms to Nationalities

CORE Math. & Sciences

3 courses

(At least one course MUST be from CORE Lab List.)

CORE Laboratory Courses

CORE Physical Sciences Laboratory:

IMPORTANT NOTES ABOUT ASTRONOMY COURSES:

1. **ASTR 100/110, may no longer be taken for CORE credit.** The ASTR 110 lab component will not be offered after Fall 1993.
2. **ASTR 100/111 is still a CORE lab course option.**
3. Most students who wish to take an introductory Astronomy lab course for CORE should take ASTR 101.

ASTR 100/111 **(See notes above.) General Astronomy & Observational Astronomy Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
ASTR 101 **Intro. to Astronomy**
CHEM 102 Chemistry of Our Environment
CHEM 103 **General Chemistry I**
CHEM 113 **General Chemistry II**
CHEM 121/122 Chemistry in the Modern World/ Lab Chem. **(BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOG 201/211 **Geog. of Environ. Sys. & Geog. of Environ. Sys. Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOL 100/110 **Phys. Geol. & Phys. Geol. Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOL 103 **Water, Earth & Humans**
PHYS 102/103 **Phys. of Music & Phys. of Music Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 106/107 **Light, Perception, Photography & Visual Phenomena/Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 117 **Intro. to Physics**
PHYS 121 **Fundamentals of Physics I**
PHYS 122 **Fundamentals of Physics II**
PHYS 141 **Principles of Physics**
PHYS 142 **Principles of Physics**
PHYS 262 **Gen. Phys.: Vibrations, Waves, Heat, Electricity, & Magnetism**
PHYS 263 **Gen. Phys.: Electrodynamics**
PHYS 272/275 **Intro. Physics: Vibration, Waves, Heat, Fluids, Optics, & Light & Experimental Physics I: Mechanics & Thermodynamics (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**

CORE Life Sciences Laboratory:

AGRO 101 Intro. Crop Science
AGRO 302 **Fundamentals of Soil Science**
ANSC 211 Anatomy of Domestic Animals
BIOL 101/102 **Concepts of Biology/Lab in Biol. (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
BIOL 105 **Principles of Biology I**
BIOL 106 **Principles of Biology II**
BOTN 104/105 **Plant Biol. for Non-Sci. Students & Lab in Plant Biol. (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
CHEM 104 **Fund. of Organic & Biochemistry**
ENTM 205 Principles of Entomology
HORT 100 **Intro. to Horticulture**
MICB 100 **Microbes & Society**
MICB 200 **General Microbiology**
ZOOL 201 Human Anatomy & Physiology I
ZOOL 202 **Human Anatomy & Physiology II**
ZOOL 210 **Animal Diversity**

CORE Math or Formal Reasoning Laboratory:

CMSC 113 **Computer Science II** (Co-requisite is MATH 141)*

CORE Non-Laboratory:

Only those courses that appear on the approved CORE non-lab lists may be counted as CORE non-lab courses.

CORE Physical Sciences Non-Laboratory:

IMPORTANT NOTE ABOUT ASTRONOMY 100:

Starting Fall 1993, ASTR 100 is a **revised** course and is approved for CORE **non-lab** physical sciences. CORE non-lab credit will **not** be granted for the earlier version of the course.

ASTR 100 **General Astronomy (first semester counted for CORE non-lab; see note above)**
ASTR 200 **Intro. Astronomy & Astrophysics**
BOTN 123 **(See METO 123)**
CHEM 121 **Chemistry in the Modern World**
ENES 105 How Things Work - Basic Technological Literacy
ENME 111 Energy & Power Generation
GEOG 123 **(SeeMETO 123)**
GEOG 140 **Coastal Environments**
GEOL 120 **Environmental Geology**
GEOL 123 **(See METO 123)**
GEOL 212 Planetary Geology
HONR * See note on page 30.
METO 123 **Causes & Implications of Global Change** (also BOTN/GEOG/GEOL 123)
PHYS 101 Contemporary Physics
PHYS 111 Physics in the Modern World
PHYS 112 **Physics in the Modern World**
PHYS 161 **General Physics: Mechanics & Particle Dynamics**
PHYS 171 **Intro. Physics: Mechanics**

CORE Life Sciences Non-Laboratory:

AGRO 105 Soil & Environmental Quality
ANSC 252 Intro. to the Diseases of Wildlife
BOTN 211 **Ecology & Mankind**
ENTM 100 **Insects**
HONR * See note on page 30.
NUTR 100 **Elements of Nutrition**

CORE Math or Formal Reasoning Non-Laboratory:

CMSC 150 **Intro. to Discrete Structures**
DESN 370 Computers, Graphics, & Design
HONR * See note on page 30.
MATH 111 **Intro. to Probability**
MATH 140 **Calculus I**
MATH 141 **Calculus II**
MATH 220 **Elementary Calculus I**
MATH 221 **Elementary Calculus II**
MATH 240 **Intro. to Linear Algebra**
MATH 250 Analysis I (Honors)
MATH 251 **Analysis II (Honors)**
PHIL 271 **Symbolic Logic I**
STAT 100 **Elementary Statistics & Probability**

CORE Social Sciences and History - *3 courses*

CORE Social or Political History:

AASP 100 **Intro. to Afro-American Studies**
AASP 202 **Black Culture in the U.S.**
ENGL 260
HIST 106 American Jewish Experience
HIST 111 The Medieval World
HIST 113 Modern Europe: 1789 - Present
HIST 126 Jewish Civilization
HIST 156 **History of the U.S. to 1865**
HIST 157 **History of the U.S. since 1865**
HIST 174 Intro. to the History of Science
HIST 175 Science & Technology in Western Civilization
HIST 210 **Women in America to 1880** (D)
HIST 211 **Women in America since 1880** (D)
HIST 212 Women in European History, 1750 - Present (D)
HIST 234 History of Britain to 1485
HIST 235 **History of Britain 1461-1714**
HIST 236 **History of Britain 1688 to Present**
HIST 237 **Russian Civilization** (D)
HIST 250 Latin-American History I (D)
HIST 251 Latin-American History II (D)
HIST 275 Law & Constitutionalism in Amer. Hist.
HIST 282 History of the Jewish People I (D)
HIST 283 History of the Jewish People II (D)
HONR * See note on page 30.
KNES 293 **History of Sport in America**

Courses scheduled to be offered in Spring '94 appear in bold. The list is correct as of press time; however, offerings are subject to change. Not all approved courses are offered each semester. Check course listings.

NOTE:

Most Honors courses also satisfy CORE requirements. The Honors section of the course listings in the schedule reflects CORE approval status of "HONR" courses at press time.
Honor students should contact the Honors Program Office in Anne Arundel Hall, x56771, for complete details on Honors courses that meet CORE requirements.

NOT ALL COURSES ARE OFFERED EACH SEMESTER. CHECK COURSE LISTINGS.

FOR MORE INFORMATION ABOUT CORE CONSULT:

CORE Guide for Undergraduate Advisors available at the Hornbake Library Reference Desk and in advising offices.

INFO online information system (access through student Workstations at Maryland [WAM] account.)

CORE 31

Courses scheduled to be offered in Spring '94 appear in bold. The list is correct as of press time; however, offerings are subject to change. Not all approved courses are offered each semester. Check course listings.

CORE Behavioral and Social Science:

AASP 101	**Public Policy & the Black Community**
AMST 207	**Contemporary American Cultures**
ANTH 102	**Intro. to Anthro.: Cultural Antropology & Linguistics**
AREC 240	Intro. to Economics & the Environment
AREC 250	**Elements of Agricultural & Resource Econ.**
CCJS 105	**Intro. to Criminology**
CNEC 100	Intro. to Consumer Economics
ECON 105	Economics of Social Problems
ECON 201	**Principles of Economics I**
ECON 203	**Principles of Economics II**
ECON 205	**Fundamentals of Economics**
EDHD 230	**Human Development & Societal Institutions**(D)
GEOG 100	Intro. to Geography
GEOG 150	World Cities
GEOG 202	**The World in Cultural Perspective**
GVPT 100	**Principles of Government & Politics**
GVPT 170	**American Government**
GVPT 200	**International Political Relations**
GVPT 250	**Intro. to International Negotiations**
GVPT 393	Honors Seminar in Public Policy, Political Behavior & Methodology
HESP 120	**Intro. to Linguistics**
HONR	See note on page 30.
JOUR 100	**Intro. to Mass Communication**
LING 200	**Intro. Linguistics**
PSYC 100	**Intro. to Psychology**
SOCY 100	**Intro. to Sociology**
SOCY 105	**Intro. to Contemp. Social Problems**
SOCY 227	**Intro. to the Study of Deviance**
WMST 200	**Intro. to Women's Studies: Women & Society** (D)

CORE ADVANCED STUDIES - *2 courses* *

** Refer to Page 29 note*

1. Students meeting CORE requirements must select courses from the CORE lists only.
2. One course must be selected from the CORE Advanced Studies Analysis of Social and Ethical Problems list. The second course may be selected from CORE Analysis of Social and Ethical Problems, OR CORE Development of Knowledge, OR CORE Capstone lists.
3. Students must reach 56 credits before taking CORE Analysis of Social and Ethical Problems or CORE Development of Knowledge courses. Students must reach senior standing (86 credits) before taking CORE Capstone courses.
4. CORE Analysis of Social and Ethical Problems and CORE Development of Knowledge courses must be taken **outside** the student's major. CORE Capstone courses must be taken **within** the student's major.
5. *Please consult the **Undergraduate Catalog** and the **CORE Guide** for additional information on requirements, prerequisites, etc.*
6. In the following CORE Advanced Studies list, courses noted "(D)" also meet the CORE Diversity Requirement. See advising note under "CORE Human Cultural Diversity" below.

CORE Analysis of Social and Ethical Problems:

(after reaching junior standing [56 credits]; outside the major)

AAASP 310	African Slave Trade
AASP 411	Black Resistance Movements
AGRI 323	**Developing Youth Programs**
AGRI 400	Agricultural Technology Transfer
AGRO 303	**International Crop Production (D)**
AGRO 441	Sustainable Agriculture
AMST 330	Critics of American Culture
AMST 418B	Cultural Themes in Amer.: Culture & Mental Disorders
AMST 418D	**Cultural Themes in Amer.: Growing Up American**
AMST 428A	Amer. Cultural Eras: Social Dramas in American Cultural History
AMST 428D	Amer. Cultural Eras: The Great Depression & the 1930's
AMST 429B	**Perspectives on Pop. Culture: Science Fiction in American Culture**
AMST429D	Perspectives On Pop. Culture: Childeren in Television (also RTVF 443)
AMST 429F	Perspectives On Pop. Culture: Gender Roles and Media (also RTVF 426)
ANSC 453	**Animal Welfare**
AREC 365	**World Hunger, Population, & Food Supplies (D)**
AREC 445	**Agricultural Development in the Third World (D)**
CLAS 309A	Special Topics in Classical Literature: Greek and Roman Athletics
CHEM 374	Technology, Energy, & Risk
CCJS 331	**Contemporary Legal Policy Issues**
CNEC 310	Consumer Economics & Public Policy
CNEC 437	Consumer Behavior (also HLTH 437)
CNEC 456	Product Liability & Government Regulation
ECON 315	Economic Development of Underdeveloped Areas
EDCP 462	The Disabled Person in American Society
EDIT 476	**Application of Technology to Societal Problems**
ENGL 379Q	Special Topics in Lit.: More's Utopia & Modern Utopian Visions
ENGL 415	Lit. of the 17th Century, 1660-1700
ENGL 432	**American Lit. 1865-1914: Realism & Naturalism**
ENTM 303	International Pesticide Problems and Solutions
FMST 487	**Legal Aspects of Family Problems**
FMST 497	**The Child & the Law**
FREN 478A	**Themes and Movements in French Lit. in Transl'n: I & They: The Individual in Conflict with Society**
FREN 478C	Themes & Movements of French Lit. in Transl'n: I & They: The Individual in Conflict with Society
FREN 479A	Masterworks of French Lit. in Transl'n: Age of Anxiety: The Lit. of Existentialism & the Absurd
FREN 479D	**Masterworks of French Lit. in Transl'n: Ideologies & Relations Between the Sexes** (D)
GEOG 456	The Social Geography of Metropolitan Areas
GEOG 462	Water Resources Policy & Planning
GVPT 306	Global Ecopolitics
GVPT 403	**Law, Morality, & War (also PHIL 446)**
GVPT 423	Elections & Electoral Behavior
GVPT 441	**History of Political Theory: Ancient & Medieval**
GVPT 442	**History of Political Theory: Medieval to Recent**
GVPT 479A	**Probs. of Amer. Public Policy: The Politics of the Vietnam War**
HIST 307	**The Holocaust of European Jewry**
HIST 313A	**Crisis & Change in European Society: Freedom & Authority as a Problem in Western Civilization**
HIST 314A	**Crisis & Change in the Middle East & Africa: Nationalism & Nation-Building in the Middle East** (D)
HIST 316A	Crisis & Change in Latin Amer.: Slavery & Race Relations in Latin America (D)
HIST 341	A History of Anti-Semitism
HIST 458A	Selected Topics in Women's History: Victorian Women in England, France & the U.S. (D)
HLTH 437	**Consumer Behavior** (also CNEC 437)
HONR	* See note on page 30.
ITAL 411	**Dante - in Transl'n**
ITAL 412	**Dante** (In Italian; see ITAL 411)
ITAL 471	The Italian Cinema: A Cultural Approach **(in English**; also ITAL 472)
ITAL 472	The Italian Cinema: A Cultural Approach **(in Italian**; see ITAL 471)
PHIL 441	History of Ethics: Hobbes to the Present
PHIL 446	Law, Morality, & War (also GVPT 403)
PHIL 447	**Philosophy of Law**
PORT 478A	**Themes & Movements of Luso-Brazilian Lit. in Transl'n: Africa in Brazil**
PSYC 354	**Cross-Cultural Psychology (D)**
SOCY 305	**Scarcity & Modern Society**
SOCY 333	Technology & Society
SOCY 431	Formal & Complex Organizations
SOCY 464	**Military Sociology**
SOCY 465	The Sociology of War
URSP 320	**The Social & Technological City**
ZOOL 313	Women & Science (D)
ZOOL 323	Brain & Behavior
ZOOL 381	Natural History of the Chesapeake Bay

CORE Development of Knowledge:

(after reaching 56 credits; outside the major)

AASP 402	**Classic Readings in Afro-American Studies**
AGRO 440	Crops, Soils, & Civilization
AMST 418K	Cultural Themes in Amer.: Race in America: Theory & Policy (D)
AMST 432	Literature & American Society
ARHU 309A	Forms & Forces of Human Experience: An Interdisc. Exploration: Arts, Humanities, & Lit. in 17th-18th Century Europe
ASTR 340	**Galaxies and the Universe**
BCHM 361	Origins of Biochemistry
CLAS 320	**Women in Classical Antiquity** (D)
CLAS 330	Greek and Roman Religion
CLAS 470	Adv. Greek & Roman Mythology
DANC 367	**Dance in World Cultures**
ENGL 379E	**Special Topics in Lit.: Film Analysis: The Rhetoric of Fictional Worlds**
ENGL 379M	Special Topics in Lit.: Britain in the Age of Revolution 1760-1820
ENGL 453	**Literary Criticism**
ENGL 477	**Studies in Mythmaking**
ENGL 489C	Special Topics in English Language: The Language of the Law
GEOG 440	Process Geomorphology
GEOG 480	**Adv. Remote Sensing**
GEOL 301	**Evolution in Geology**
GERM 381	**German Civilization I**
GERM 382	**German Civilization II**
GVPT 429B	**Problems in Political Behavior: Formal Theories of Politics**
GVPT 443	Contemporary Political Theory
HEBR 440	Reconstructing the Civilization of Ancient Mesopotamia
HEBR 451	Issues in Jewish Ethics & Law (also PHIL 433)
HIST 401	The Scientific Revolution: From Copernicus to Newton
HIST 406	History of Technology
HONR	* See note on page 30.
ITAL 421	**The Italian Renaissance** (in English; also ITAL 422)
ITAL 422	The Italian Renaissance - **(in Italian**; also ITAL 421)
ITAL 475	The Italian Opeara Liberetto**(in English)**
LING 350	**Phil. of Language** (also PHIL 360)
LING 440	**Grammars & Cognition**
MATH 406	**Intro. to Number Theory**
MATH 430	**Euclidean & Non-Euclidean Geometries**
MATH 452	Intro. to Dynamics & Chaos
MUSC 340	**Music Lit. Survey I**
NUTR 335	History of Nutrition
PHIL 310	**Ancient Philosophy**
PHIL 320	**Modern Philosophy**
PHIL 331	**Philosophy of Art**
PHIL 332	**Philosophy of Beauty**
PHIL 334	Philosophy of Music
PHIL 360	Philosophy of Language (also LING 350)
PHIL 416	Medieval Philosophy
PHIL 431	**Aesthetic Theory**
PHIL 433	Topics in Contemp. Phil.: Issues in Jewish Ethics & Law (also HEBR 451)
PHIL 450	Scientific Thought I
PHIL 451	**Scientific Thought II**
PHIL 452	Philosophy of Physics
PHIL 456	**Philosophy of Biology**
PSYC 457	Cultural Context of Psychological Development
THET 495	**History of Theatrical Theory & Criticism**
ZOOL 301	Biological Issues & Scientific Evidence
ZOOL 396	Biology of Extinct Animals

CORE Capstone:

(after reaching 86 credits; within the major)

1. CORE Capstone is intended as an additional **option** under CORE Advanced Studies for the **second** required CORE Advanced Studies course. It is **not** a CORE requirement. The list of approved CORE Capstone courses is expected to build slowly. Additional Capstone courses will be listed once approved.

DANC 485	**Seminar in Dance**
ENCE 466	**Design of Civil Engineering Systems**
ENME 404	**Mechanical Engineering Systems Design**
GEOL 394	**Research Problems in Geology**
HIST 309	**Proseminar in Historical Writing**
HIST 396	**Honor's Colloquium II**

CORE Advanced Studies Capstone credit will be granted to students who earn a minimum of three credits for the **completion and defense of an Honors thesis** in their department or college. Contact your honors program director for details.

CORE HUMAN CULTURAL DIVERSITY - *1 course*

1. Students must earn credit for <u>one</u> Diversity course from the following list and may do so **at any time** before graduation. Generally, upper level (300 or higher) Diversity courses should not be attempted before earning 56 credits (junior standing). Lower and upper level courses are listed separately below.
2. In the following CORE Diversity list, courses noted * also meet CORE Distributive Studies requirements and courses noted ** also meet CORE Advanced Studies requirements. Diversity courses that are also approved for either CORE Distributive or CORE Advanced Studies may be double counted. In order to double count a Diversity course that is also approved for CORE Andvanced Studies, however, the course must: 1) be outside the student's major, and 2) be attempted after the student reaches the 56-credit level.

CORE Diversity Courses Recommended for Freshmen and Sophomores:

AASP 100	**Intro. to Afr0-American Studies**
ARTH 275	**Art of Africa***
ARTH 290	**Art of Asia***
CHIN 213	**Chinese Poetry into English: An Intro.***
CMLT 235	**Intro. to Lit. by Women in Cross-cultural Perspective***
CMLT 270	**Global Lit. & Social Change***
CMLT 275	**World Lit. by Women in Cross-cultural Perspective***
CMLT 277	Lit. of the Americas*
DANC 138	**Intro. to Ethnic Dance (2 credits)**
DANC 200	**Intro. to Dance***
EDHD 230	**Human Development & Societal Institutions***
ENGL 234	**Intro. to African-American Lit.***
ENGL 235	**Intro. to Lit. of The African Diaspora** (also CMLT 235)*
ENGL 250	**Intro. to Lit. by Women***
FREN 241	Women Writers of French Expression in Transl'n*
FREN 242	**Black Writers of French Expression in Transl'n***
GERM 281	Women in German Lit. & Society*
GVPT 250	**Intro. to International Negotiations** (formerly GVPT 288A)
HIST 120	Islamic Civilization
HIST 210	**Women in America to 1880***
HIST 211	**Women in America since 1880***
HIST 212	Women in European History, 1750 - Present*
HIST 237	**Russian Civilization***
HIST 250	Latin-American History I*
HIST 251	Latin-American History II*
HIST 255	African-American History
HIST 282	History of the Jewish People I*
HIST 283	History of the Jewish People II*
HONR	* See note on page 30.
KNES 240	Exploring Cultural Diversity Through Movement
MUSC 210	**The Impact of Music on Life***
PORT 224	Brazilian Culture (in English)*
PORT 225	The Cultures of Portuguese-Speaking Africa
SOCY 241	**Inequality in American Society**
SPAN 224	**Violence & Resistance in the Americas***
WMST 200	**Intro. to Women's Studies: Women & Society***
WMST 250	**Intro. to Women's Studies: Women, Art, & Culture***

CORE Diversity Courses Recommended for Juniors and Seniors:

AASP 312	**Social and Cultural Effects of Colonization & Racism**
AASP 441	**Science, Technology, & the Black Community**
AASP 443	Blacks & the Law
AGRO 303	**International Crop Production****
AMST 418J	Cultural Themes in America: Women & Family in American Culture
AMST 418K	Cultural Themes in America: Race in America: Theory & Policy**
AREC 365	**World Hunger, Population, & Food Supplies****
AREC 445	**Agricultural Devel. in the Third World****
ARTH 390	Art of China
ARTH 395	Art of Japan
ARTH 475	Ancient Art of Africa
ARTH 476	Living Art of Africa
ARTH 490	**Chinese Painting**
ARTH 495	Japanese Painting
ARTT 463	**Principles & Theory: African-American Art**
CCJS 498A	**Special Topics in Criminology & Criminal Justice: Women & Crime**
CHIN 313	Chinese Poetry & Prose in Transl'n*
CHIN 315	**Modern Chinese Lit. in Transl'n***
CLAS 320	**Women in Classical Antiquity****
CNEC 312	Economics of the Family
EALL 300	The Languages of East Asia*
ECON 375	**Economics of Poverty & Discrimination**
EDCP 420	Education & Racism
ENGL 348_	**Literary Works by Women: (Topic will vary)**
ENGL 360	African, Indian, & Caribbean Writers
ENGL 362	**Caribbean Lit. in English**
ENGL 368_	Special Topics in the Lit. of Africa & the African Diaspora (Topic will vary)
FMST 381	**Poverty, Affluence, & Families**
FREN 478B	Themes & Movements of French Lit. in Transl'n: Autobiographical Fiction by Francophone Women Writers
FREN 479D	**Masterworks of French Lit. in Transl'n: Ideologies & Relations between the Sexes****
FREN 499B	Lit. of Francophone
GEOG 326	**Africa**
GEOG 416	Overseas European Colonization & the Third World
GERM 349M	Germanic Lit.in Transl'n: Masterworks of Yiddish Lit.*
GVPT 399P	**Seminar in Government and Politics: Women and Politics**
GVPT 446	Origins of Islamic Political Philosophy
HIST 314A	**Crisis & Change in the Middle East & Africa: Nationalism & Nation-Building in the Middle East****
HIST 316A	Crisis & Change in Latin America: Slavery & Race Relations in Latin America**
HIST 458A	Selected Topics in Women's History: Victorian Women in England, France & the U.S.**
HIST 458B	Selected Topics in Women's History: Women in Africa (formerly HIST 419B)
HIST 458C	**Selected Topics in Women's History: Women in Medieval Culture & Society**
HIST 461	**Blacks in American Life: 1865 to Present**
HIST 473	History of the Spanish Caribbean
HIST 474	History of Mexico & Central America I
HIST 475	History of Mexico & Central America II
HIST 491	History of the Ottoman Empire
HIST 496	Africa Since Independence
HLTH 471	Women's Health
HONR	* See note on page 30.
JOUR 452	**Women in the Media**
JOUR 453	News Coverage of Racial Issues
KNES 492	**History of the American Sportswoman in American Organizations**
MUSC 320	Epic as Song & Saga: Cross-Cultural Perspectives
MUSC 432	Music in World Cultures I
MUSC 433	Music in World Cultures II
PORT 322	
PSYC 354	**Cross-Cultural Psychology****
RTVF 462	African-American Women Filmmakers
SOCY 325	**Sociology of Gender**
SOCY 498C	Special Topics in Sociology: Women & the Military
SPCH 482	**Intercultural Communication**
URSP 372	Diversity & The City
URSP 465	Comparative Urban Life & Change
ZOOL 313	Women & Science**

CORE CHECKLIST

This is just a quick checklist. Please refer to the CORE outline and course lists for details, exemptions, restrictions, etc.

CORE FUNDAMENTAL STUDIES (3 COURSES)

MATH	ONE
INTRO. WRITING	ONE
PROF. WRITING	ONE

CORE DISTRIBUTIVE STUDIES (9 COURSES)

HUMANITIES & ARTS	*3 COURSES*
LITERATURE	ONE
HISTORY/THEORY OF THE ARTS	ONE
LIT. OR HIST./THEORY ARTS OR HUMANITIES	ONE
MATHEMATICS & SCIENCES (ONE COURSE MUST BE FROM CORE LAB LIST)	*3 COURSES*
PHYSICAL SCIENCE	UP TO TWO
LIFE SCIENCE	UP TO TWO
MATH OR FORMAL REASONING	ONE OPTIONAL
SOCIAL SCIENCES & HISTORY	*3 COURSES*
SOCIAL & POLITICAL HISTORY	ONE
BEHAVIORAL & SOCIAL SCIENCES	TWO

CORE ADVANCED STUDIES (2 COURSES)

ANALYSIS OF SOCIAL & ETHICAL PROBLEMS	ONE
ANOTHER AESP OR A DEVELOPMENT OF KNOWLEDGE OR A CORE CAPSTONE	ONE

HUMAN CULTURAL DIVERSITY (1 COURSE)

32 USP

USP PROGRAM OUTLINE

Courses used to fulfill USP Requirements:

* **MUST** be selected from the approved USP course list. **MAY** also be used to satisfy college, major, and/or supporting area requirements if the courses also appear on USP Fundamental or Distributive Studies lists. **MAY NOT** be taken on a Pass-Fail basis.

USP FUNDAMENTAL STUDIES

3 courses

Please see CORE Fundamental Studies on preceding page. USP Fundamental Studies requirements are identical to CORE Fundamental Studies Requirements.

USP DISTRIBUTIVE STUDIES

8 courses
(2 courses from each of four areas):

List of approved USP courses follows USP Outline.

AREA A: Culture and History - two courses required

AREA B: Natural Sciences and Mathematics - two courses required

Notes: One course MUST be a lab science. More than one lab course may be taken.

AREA C: Literature and the Arts - two courses required; courses must be from two different departments

Note:The two AREA C courses must be taken in two different departments.

AREA D: Social and Behavioral Sciences - two courses required

USP ADVANCED STUDIES

2 courses required:

List of approved USP courses appears after USP Outline.

*One course from USP Analysis of Human Problems list (selected from outside the major; taken after 56 credits)

AND

*One course from USP Development of Knowledge list (selected from outside the major; taken after 56 credits),

Notes: For USP credit, Analysis of Human Problems and Development of Knowledge courses must be taken outside the major and after reaching junior standing (56 credits).

FOR MORE INFORMATION ABOUT USP CONSULT:

Undergraduate Catalog from 1992 or earlier year. INFO online information system updated regularly (Access through student Workstations at Maryland [WAM] account.)

APPROVED USP COURSE LIST

Courses scheduled to be offered in Spring '94 appear in bold. The list is correct as of press time; however, offerings are subject to change. Not all approved courses are offered each semester. Check course listings.

USP FUNDAMENTAL STUDIES

FRESHMAN COMPOSITION (USP) 3 credits, one couse; must be attempted by 30 credit level and completed by 60 credits: Same as CORE Fundamental Studies Approved Courses.

USP DISTRIBUTIVE STUDIES 8 COURSES

Area A: CULTURE AND HISTORY

2 courses:

AASP 100	**Intro. to Afro-American Studies**
AASP 200	**African Civilizations**
AASP 202	**Black Culture in the U.S.**
AMST 201	**Intro. to American Studies**
AMST 205	**Material Aspects of American Life**
AMST 207	**Contemp. American Cultures**
ANTH 298A	Chesapeake: An Archaeology of Maryland
ANTH 298B	The First Americans
CHIN 101	Intensive Elem. Chinese I
CHIN 102	**Elem. Spoken Chinese**
CHIN 103	**Elem. Written Chinese**
CHIN 201	Intermed. Spoken Chinese I
CHIN 202	Intermed. Written Chinese I
CHIN 203	**Intermed. Spoken Chinese II**
CHIN 204	**Intermed. Written Chinese II**
CLAS 170	**Greek & Roman Mythology**
EDPA 210	Historical & Philosophical Perspect. on Education
ENGL 260	**Intro. to Folklore**
FMST 330	**Family Theories & Patterns**
FREN 101	**Elem. French I**
FREN 102	**Elem. French II**
FREN 103	**Review of Elem. French**
FREN 121/121H	Accelerated French I
FREN 122/122H	Accelerated French II
FREN 203	**Intermed. French**
FREN 311	**Adv. Comprehension & Expression in French**
FREN 312	**Intro. to French Civ.: The French Press**
FREN 370	Aspects of French Civ.
GEOG 150	World Cities
GEOG 202	**The World in Cultural Perspective**
GEOG 321	Maryland & Adjacent Areas
GEOG 324	Europe
GEOG 325	Soviet Union
GEOG 326	**Africa**
GEOG 327	South Asia
GEOG 331	Southeast Asia
GERM 101	**Elem. German I**
GERM 102	**Elem. German II**
GERM 103	Review of Elem. German
GERM 148	**Germanic Lang's. - Elem. I**
GERM 149	**Germanic Lang's. - Elem. II**
GERM 201	**Intermed. German I**
GERM 202	**Intermed. German II**
GERM 248	Germanic Lang's. - Intermed. I
GERM 249	**Germanic Lang's. - Intermed. II**
GERM 280	**German-American Cultural Contrast**
GERM 281	Women in German Lit. & Society (in English)
GERM 282	Germanic Mythology
GERM 371	Ancient Indic Culture & Civ.
GERM 372	Ancient Celtic Culture & Civ.
GERM 381	**German Civilization I**
GERM 382	**German Civilization II**
GERM 383	**Viking Culture & Civilization**
GERM 384	German Chivalric Culture
GREK 101	Elem. Ancient Greek I
GREK 102	**Elem. Ancient Greek II**
GVPT 240	**Political Ideologies**
HEBR 111	Elem. Hebrew I
HEBR 112	**Elem. Hebrew II**
HEBR 211	Intermed. Hebrew I
HEBR 212	**Intermed. Hebrew II**
HEBR 333	Hebrew Civilization (in English)
HEBR 334	Hebrew Civilization (in English)
HIST 110	The Ancient World
HIST 111	The Medieval World
HIST 112	The Rise of the West, 1500-1789
HIST 113	Modern Europe, 1789-Present
HIST 120	Islamic Civilization
HIST 122	African Civilization
HIST 156	**History of the U.S. to 1865**
HIST 170	The Humanities I
HIST 171	The Humanities II
HIST 174	Intro. to the History of Science
HIST 175	Science & Technology in Western Civ.
HIST 176	Modern Business History
HIST 210	**Women in America to 1880**
HIST 211	**Women in America Since 1880**
HIST 234	History of Britain to 1485
HIST 235	**History of Britain 1461-1714**
HIST 236	**History of Britain 1688 to Present**
HIST 237	**Russian Civilization**
HIST 250	Latin American History I
HIST 251	Latin American History II
HIST 282	History of the Jewish People I
HIST 283	History of the Jewish People II
HIST 284	East Asian Civilization I
HIST 285	**East Asian Civilization II**
HONR 118	**Freshman Honors Colloq., Cultural & Historical**
HONR 318	Honors Seminar, Cultural & Historical
ITAL 101	**Elem. Italian I**
ITAL 102	**Elem. Italian II**
ITAL 121/121H	**Accelerated Italian I**
ITAL 122/122H	**Accelerated Italian II**
ITAL 203	**Intermed. Italian**
ITAL 204	**Review Grammar & Composition**
ITAL 211	**Intermed. Conversation**
ITAL 370	Italian Civilization - in Transl'n
JAPN 101	Elem. Japanese I
JAPN 102	**Elem. Japanese II**
JAPN 205	Intermed. Japanese I
JAPN 206	**Intermed. Japanese II**
JAPN 317	Buddhism & Japanese Lit. in Transl'n
KNES 293	**History of Sport in America**
LATN 101	**Elem. Latin I**
LATN 102	**Elem. Latin II**
LATN 120	Intensive Latin
LATN 201	**Intermed. Latin**
LATN 220	Intermed. Intensive Latin
PHIL 100	**Intro. to Philosophy**
PHIL 110	**Plato's Republic**
PHIL 243	Philosophy of Rural Life
PHIL 250	**Philosophy of Science I**
PORT 101	**Elem. Portuguese**
PORT 102	**Elem. Portuguese**
PORT 203	**Intermed. Portuguese**
RUSS 101	Elem. Russian I
RUSS 102	**Elem. Russian II**
RUSS 281	**19th Century Russian Culture**
SPAN 101	**Elem. Spanish I**
SPAN 102	**Elem. Spanish II**
SPAN 103	**Review of Elem. Spanish**
SPAN 201/201H	**Intermed. Spanish**
SPAN 202	**Intermed. Grammar & Composition**
SPAN 205	Intermed. Conversation
SPAN 311	**Adv. Conversation I**
SPAN 312	**Adv. Conversation II**
SPAN 325	Spanish Civilization I
SPAN 326	Spanish Civilization II
SPAN 346	Latin American Civilization I
SPAN 347	**Latin American Civilization II**
TEXT 347	History of Costume II
TEXT 363	History of Textiles
THET 310	The American Theatre

AREA B: NATURAL SCIENCES AND MATHEMATICS

2 courses

Note: One course must be from lab science list.

USP Laboratory Science Courses:

AGRO 101	Intro. to Crop Science
AGRO 302	**Fundamentals of Soil Science**
ASTR 100 & ASTR 110	Intro. to Astronomy & Astronomy Lab **(NOTE: F'93 is last semester ASTR 110 will be offered.)**
OR	
ASTR 100 & ASTR 111	**Intro. to Astronomy & Observational Astronomy Lab**
ASTR 101	**General Astronomy**
BIOL 101 & BIOL 102	**Concepts of Biology & Lab in Biology**
BIOL 105	**Principles of Biology I**
BIOL 106	**Principles of Biology II**
BOTN 104 & BOTN 105	**Plant Biology for Non-Science Students & Lab in Plant Biology**
CHEM 102	Chemistry of Our Environment
CHEM 103	**General Chemistry I**
CHEM 104	**Fund of Organic & Biochemistry**
CHEM 113	**General Chemistry II**
CHEM 121 & CHEM 122	Chemistry in the Modern World & Lab Chem.
ENTM 205	Principles of Entomology
GEOG 170 & GEOG 171	**Maps & Map Use, & Maps & Map Use Lab**
GEOG 201 & GEOG 211	**Geog. of Environmental Sys. & Geog. of Environ. Sys. Lab**
GEOL 100 & GEOL 110	**Physical Geology & Physical Geology Lab**
HORT 100	**Intro. to Horticulture**
KNES 360	**Physiology of Exercise**
MICB 100	**Microbes & Society**
MICB 200	**General Microbiology**
PHYS 102 & PHYS 103	**Physics of Music & Physics of Music Lab**
PHYS 106 & PHYS 107	**Light, Perception, Photography, & Visual Phenomena, & Lab**
PHYS 117	**Intro. to Physics**
PHYS 121	**Fundamentals of Physics I**
PHYS 122	**Fundamentals of Physics II**
PHYS 141	**Principles of Physics I**
PHYS 142	**Principles of Physics II**
PHYS 221	General Physics for Sci. Teachers I
PHYS 222	General Physics for Sci. Teachers II
PHYS 262	**Gen. Phys.: Vibrations, Waves, Heat, Electricity & Magnetism**
PHYS 263	**Gen. Phys.: Electrodynamics, Light, Relativity & Modern Physics**
PHYS 272 & PHYS 275	**Intro. Phys.: Vibrations, Waves, Heat, Fluids, Optics, Light & Exper. Phys. I: Mechanics & Thermodynamics**
PHYS 273 & PHYS 276	**Intro. Phys.: Electrodynamics & Relativity & Exper. Phys. II: Electricity & Magnetism**
ZOOL 210	**Animal Diversity**

USP Non-Laboratory Sciences and Mathematics:

AGRO 105	Soil & Environmental Quality
ANSC 101	Principles of Animal Science
ANTH 101	**Intro. to Anthro.: Archaeology & Physical Anthropology**
ASTR 100	**Intro. to Astronomy**
ASTR 350	**Astronomy & Astrophysics**
BIOL 101	**Concepts of Biology**
BOTN 103	Human Aspects of Plant Biology
BOTN 104	**Plant Biology for Non-Science Students**
BOTN 211	**Ecology & Mankind**
CHEM 121	**Chemistry in the Modern World**
EMAG 232	Water, A Renewable Resource
ENES 121	The World of Engineering
ENTM 100	**Insects**
GEOG 140	**Coastal Environments**
GEOG 170	**Maps & Map Use**
GEOG 201	**Geography of Environmental Systems**
GEOL 100	**Physical Geology**
GEOL 102	**Historical Geology**
GEOL 120	**Environmental Geology**
HESP 305	Anatomy & Physiology of the Speech Mechanism
HONR 128	**Freshman Honors Colloq., Natural Sciences & Math.**
HONR 328	Honors Seminar, Natural Sciences & Mathematics
MATH 111	**Intro. to Probability**
MATH 140	**Calculus I**
MATH 141	**Calculus II**
MATH 210	**Elements of Mathematics**
MATH 211	**Elements of Geometry**
MATH 220	**Elem. Calculus I**
MATH 221	**Elem. Calculus II**
MATH 240	**Intro. to Linear Algebra**
MATH 241	**Calculus III**
MATH 246	**Differential Equations for Scientists & Engineers**
MATH 250	Analysis I (Honors)
MATH 251	**Analysis II (Honors)**
NUTR 100	**Elements of Nutrition**
PHIL 271	**Symbolic Logic I**
PHYS 101	Contemp. Physics
PHYS 102	**Physics of Music**
PHYS 106	**Light, Perception, Photography & Visual Phenomena**
PHYS 111	Physics in the Modern World
PHYS 112	**Physics in the Modern World**
PHYS 161	**General Physics: Mechanics & Particle Dynamics**
PHYS 171	**Intro. Physics: Mechanics**
PSYC 206	Developmental Biopsychology
PSYC 301	**Biological Basis of Behavior**
SOCY 201	**Intro. Statistics for Soc.**
STAT 100	**Elem. Statistics & Probability**
ZOOL 181	Life in the Oceans

AREA C: LITERATURE & THE ARTS

2 courses:

Note: Courses must be taken in two different departments.

AASP 298L	Spec'l Top. in Afro-Amer. Studies: Intro. to African-American Lit. (also ENGL 234)
ARCH 170	**Intro. to the Built Environment**
ARCH 222	History of Western Architecture
ARTH 100	Intro. to Art
ARTH 200	**Art of the Western World I**
ARTH 201	**Art of the Western World II**
ARTH 275	**Art of Africa**
ARTH 290	**Art of Asia**
CHIN 213	**Chinese Poetry in English: An Intro.**
CHIN 313	Chinese Poetry & Prose in Transl'n
CHIN 314	Chinese Fiction & Drama in Transl'n
CHIN 315	**Modern Chinese Lit. in Transl'n (also CMLT 488A)**
CHIN 441	Traditional Chinese Fiction
CHIN 442	Modern Chinese Fiction
CLAS 270	**Greek Lit. in Transl'n**
CLAS 271	Roman Lit. in Transl'n
CMLT 488A	Genres: Modern Chinese Lit. in Transl'n (also CHIN 315)
DANC 200	**Intro. to Dance**
ENGL 201	**Western World Lit.: Homer to the Renaissance**
ENGL 202	**Western World Lit.: The Renaissance to the Present**
ENGL 205	**Intro. to Shakespeare**
ENGL 211	**English Lit. from Beginnings to 1800**
ENGL 212	**English Lit. from 1800 to the Present**
ENGL 221	**Amer. Lit.: The Beginning to 1865**
ENGL 222	**Amer. Lit.: 1865 to Present**
ENGL 234	**Intro. to African-American Lit.** (also AASP 298L)
ENGL 240	**Intro. to Fiction, Poetry, & Drama**
ENGL 241	**Intro. to the Novel**
ENGL 242	Intro. to Non-Fiction Prose
ENGL 243	**Intro. to Poetry**
ENGL 244	**Intro. to Drama**
ENGL 245	Film & the Narrative Tradition
ENGL 246	The Short Story
ENGL 247	Lit. of Fantasy
ENGL 250	**Intro. to Lit. by Women** (also WMST 498E)
ENGL 302	English Medieval Lit. in Transl'n
ENGL 304	**Major Works of Shakespeare**
ENGL 305	Shakespeare & His Contemporaries: An Intro.
ENGL 345	**Twentieth Century Poetry**
ENGL 462	**Folksong & Ballad**
FREN 250	**Readings in French**
FREN 340	Modern French Lit. in Transl'n
FREN 351/351H	**French Lit. from the Revolution to the Present**
FREN 352/352H	**French Lit. from the Middle Ages to the Revolution**
GERM 220	**Intro. to German Lit.**
GERM 285	**German Film & Lit.**
HEBR 223	**The Hebrew Bible: Narrative**
HEBR 224	The Hebrew Bible: Poetry & Rhetoric
HEBR 231	Jewish Lit. in Transl'n
HEBR 322	**Israeli Lit. in Transl'n**
HONR 138	**Freshman Honors Colloquium: Lit. & the Arts**
HONR 338	**Honors Seminar: Lit. & the Arts**
HORT 160	Intro. to Landscape Architecture
ITAL 251	Intro. to Italian Lit.
ITAL 351	Italian Lit. from Dante to the Renaissance
ITAL 352	**Italian Lit. from the Renaissance to the Present**
MUSC 130	**Survey of Music Lit.**
MUSC 140	**Music Fundamentals I**
MUSC 141	Music Fundamentals II
MUSC 215	The Art of the Performer
RTVF 314	The Structure and Meaning of Film for Non-Majors
RUSS 221	Masterworks of Russian Lit. I
RUSS 222	Masterworks of Russian Lit. II
RUSS 328A	19th Cent. Russian Lit. in Transl'n I: From Pushkin to Dostoevsky
RUSS 328B	**19th Cent. Russian Lit. in Transl'n II: From Dostoevsky to Chekhov**
SPAN 221	**Intro. to Lit.**
SPAN 321	Survey of Spanish Lit. I
SPAN 322	**Survey of Spanish Lit. II**
SPAN 323	Survey of Latin American Lit. I
SPAN 324	**Survey of Latin American Lit. II**
THET 110	**Intro. to the Theatre**
WMST 250	**Intro. to Women's Studies: Women, Art and Culture**
WMST 498E	Spec'l Top. in Women's Studies: Intro. to Lit. by Women (also ENGL 250)

AREA D: SOCIAL AND BEHAVIORAL SCIENCES

2 courses:

AMST 203	**Popular Culture in America**
AMST 204	Film & American Culture Studies
AMST 206	Business & American Culture Studies

USP 33

Courses scheduled to be offered in Spring '94 appear in bold. The list is correct as of press time; however, offerings are subject to change. Not all approved courses are offered each semester. Check course listings.

ANTH 102 **Intro. to Anthro.: Cultural Anthropology & Linguistics**
ANTH 221 Man & Environment
ANTH 241 **Intro. to Archaeology**
ANTH 271 Language & Culture
AREC 240 Intro. to Economics & the Environment
ARSC 310 Management & Leadership I
ARSC 320 National Security Forces in Contemp. American Society I
BSOS 200 Intro. to Applied Behavioral & Social Science
CCJS 100 **Intro. to Criminal Justice**
CCJS 105 **Intro. to Criminology**
CNEC 100 Intro. to Consumer Economics
ECON 105 Economics of Social Problems
ECON 201 **Principles of Economics I**
ECON 203 **Principles of Economics II**
ECON 205 **Fundamentals of Economics**
ECON 307 Development of Economic Ideas: Social Issues & Political Applications
ECON 310 Evolution of Modern Capitalism in Western Europe & the U.S.
ECON 311 **American Economic Development**
EDHD 230 **Human Development & Societal Institutions**
EDHD 306 **A Study of Human Behavior**
EDPA 201 Education in Contemp. American Society
FMST 201 Families in Communities
FOOD 300 Economics of Food Consumption
GEOG 100 Intro. to Geography
GEOG 110 **The World Today: A Regional Geography**
GEOG 130 **Developing Countries**
GEOG 203 Economic Geography
GVPT 100 **Principles of Government & Politics**
GVPT 170 **American Government**
GVPT 220 Intro. to Political Behavior
GVPT 273 **Intro. to Environmental Policy**
GVPT 343 Political Themes in Contemp. Lit.
HESP 120 **Intro. to Linguistics**
HIST 157 **History of the U.S. Since 1865**
HIST 275 Law & Constitutionalism in American History
HLTH 230 Intro. to Health Behavior
HLTH 285 **Controlling Stress & Tension**
HONR 148 **Freshman Honors Colloq.: Social & Behavioral Sciences**
HONR 348 **Honors Seminar: Social & Behavioral Sciences**
JOUR 100 **Intro. to Mass Communication**
KNES 287 **Sport & American Society**
KNES 350 **The Psychology of Sports**
KNES 385 **Motor Learning & Skilled Performance**
LING 200 **Intro. to Linguistics**
LING 240 **Language & Mind**
PHIL 140 **Contemporary Moral Issues**
PHIL 245 Political & Social Phil. I
PSYC 100 **Intro. to Psychology**
PSYC 221 **Social Psychology**
PSYC 235 Personality & Adjustment
PSYC 310 **Perception**
PSYC 353 Adult Psychopathology
PSYC 355 **Child Psychology**
RECR 130 Recreation & Leisure
RTVF 124 Mass Communication in 20th Century Society
SOCY 100 **Intro. to Sociology**
SOCY 105 **Intro. to Contemp. Social Problems**
SOCY 227 **Intro. to the Study of Deviance**
SOCY 230 **Sociological Social Psychology**
SOCY 241 **Inequality in American Society**
SOCY 300 **American Society**
SOCY 331 Work, Bureaucracy & Industry
SPCH 350 Foundation of Communication Theory
URSP 100 **Intro. to Urban Studies & Planning**
WMST 200 **Intro. to Women's Studies: Women & Society**

ADVANCED STUDIES *2 COURSES*

Descriptions of most courses are given in the current Undergraduate Catalog. In order to verify course prerequisites, you must read the description in the catalog. Course descriptions for courses which have an alphabetical suffix following the three digit number, such as PHIL 308F or HIST 321A, are printed in the section following the list of approved Advanced Studies (USP) Couses. Students completing USP requirements must select from USP course lists only.

The following is the complete list of Advanced Studies (USP) approved courses. Not all of the courses listed below are offered every semester. Check the course listings to see which Advanced Studies (USP) courses are offered for the current semester.

ATTENTION: A course with the same number but a different suffix and title is NOT approved for Advanced Studies (USP) credit unless it is also in the list below.

ADVANCED STUDIES (USP) COURSES MUST BE TAKEN IN TWO DIFFERENT DEPARTMENTS OUTSIDE OF THE STUDENT'S *(EXCEPT HONOR'S COURSES).*

USP Development of Knowledge
1 course:

AASP 301 Applied Policy Analysis & the Black Community
AASP 303 Computer Applications in Afro-American Studies
AASP 498A Spec'l Top. in Black Culture: Caribbean Lit. in English (also ENGL 362)
AGRO 440 Crops, Soils, & Civilization
AMST 418E Cultural Themes in Amer.: the American Image of Africa
AMST 418K Cultural Themes in Amer.: Race in America: Theory & Policy
AMST 428A Amer. Cultural Eras: Social Dramas in American Cultural History
AMST 429B **Perspect. on Pop. Culture: Science Fiction in American Culture**
AMST 432 Lit. & American Society
ANTH 371 **Intro. to Linguistics**
ANTH 389C Research Problems: Cultural & Personality
ANTH 401 **Cultural Anthropology: Principles & Processes**
ANTH 451 **Archaeology of the New World**
ARHU 308B An Interdisc. Anal. of Scandinavian Civ.
ARHU 309A Forms & Forces of Human Exper.: An Interdis. Exploration - Arts, Humanities, & Lit. in 17th-18th- Century Europe
ASTR 300 **Stars & Stellar Systems**
ASTR 330 **Solar System Astronomy**
ASTR 340 **Galaxies & the Universe**
ASTR 380 **Life in the Universe**
BCHM 361 Origins of Biochemistry
CCJS 330 **Contemporary Criminological Issues**
CCJS 331 **Contemp. Legal Policy Issues**
CLAS 320 **Women in Classical Antiquity**
CLAS 470 Adv. Greek & Roman Mythology
CMLT 498B Selected Top. in Comp. Lit.: History of Theatrical Theory & Criticism (also THET 495)
CMLT 498I Selected Top. in Comp. Lit.: Phil. of Art (also PHIL 331)
DESN 474 Gaming Simulation in Design I
ECON 402 **Macroeconomic Models & Forecasting**
EDMS 451 **Intro. to Educational Statistics**
ENGL 320 **English Romantic Lit.**
ENGL 362 **Caribbean Lit. in English** (also AASP 498A)
ENGL 379E **Spec'l Top. in Lit.: Film Analysis: The Rhetoric of Fictional Worlds**
ENGL 379I Spec'l Top. in Lit.: Science & Lit.
ENGL 379J Spec'l Top. in Lit.: Interpreting the Bible
ENGL 379K Spec'l Top. in Lit.: Private Lives
ENGL 379L Spec'l Top. in Lit.: The Great Divide: The Modern & Pre-Modern Worlds
ENGL 379M Spec'l Top. in Lit.: Britain in the Age of Revolution, 1760-1820
ENGL 379O Spec'l Top. in Lit.: Lang. & Gender: Male/Female Difference in Lang. Use
ENGL 379V Spec'l Top. in Lit.: Modern Poetry & the Visual Arts
ENGL 385 English Semantics
ENGL 412 Lit. of the 17th Century, 1660-1700
ENGL 432 **Amer. Lit., 1865-1914: Realism & Naturalism**
ENGL 440 The American Novel to 1910
ENGL 453 **Literary Criticism**
ENGL 477 **Studies in Mythmaking**
ENGL 479R Spec'l Top. in Engl. & Amer. Lit. after 1800: Readers, Writers, & Rhetoric
ENGL 489A Spec'l Top. in Engl. Lang.: The Language of Advertising
ENGL 489C Spec'l Top. in Engl. Lang.: The Language of the Law
GEOL 301 Evolution in Geology
GERM 349A Germanic Lit. in Transl'n: The Holocaust in Film & Lit.
GERM 479B Selected Top. in Germanic Philology: Language & Science
GNED 301 **The Arts & the Sciences**
GVPT 399K Seminar in Government & Politics: Greek Tragedy as Political Theory
GVPT 429B **Probs. in Political Behavior: Formal Theories of Politics**
GVPT 441 **History of Political Theory: Ancient & Medieval**
GVPT 442 **History of Political Theory: Medieval to Recent**
GVPT 443 Contemporary Political Theory
GVPT 446 Origins of Islamic Political Phil.
HEBR 440 Reconstructing the Civ. of Ancient Mesopotamia
HEBR 451 Issues in Jewish Ethics & Law (also PHIL 433)
HIST 341 History of Anti-Semitism
HIST 401 The Scientific Revolution: From Copernicus to Newton
HIST 402 The Development of Modern Physical Science: From Newton to Einstein
HIST 403 **20th Century Revolutions in the Physical Sciences**
HIST 406 History of Technology
HIST 419C Spec'l Top. in History: Redefining Gender in the U.S., 1880-1935
HLTH 498T Ways of Knowing about Human Stress & Tension
HONR 368 **Honors Seminar: Development of Knowledge**
ITAL 421 **The Italian Renaissance (in English; also ITAL 422)**
ITAL 422 The Italian Renaissance - in Italian (also ITAL 421)
KNES 362 **Philosophy of Sport**
LING 440 **Grammars & Cognition**
MATH 406 **Intro. to Number Theory**
MATH 430 **Euclidean & Non-Euclidean Geometries**
NUTR 335 History of Nutrition
PHIL 308A Studies in Contemp. Phil.: Phil. of Lit. & Film
PHIL 308D Studies in Contemp. Phil.: Discovery & Analogy in Science
PHIL 308E Studies in Contemp. Phil.: Phil. of History
PHIL 310 **Ancient Philosophy**
PHIL 328B Studies in the History of Phil.: Marxist Phil.
PHIL 331 **Philosophy of Art (also CMLT 498I)**
PHIL 332 **Philosophy of Beauty**
PHIL 334 Philosophy of Music
PHIL 380 **Philosophy of Psychology: Intro.**
PHIL 385 Philosophy & Computers
PHIL 408D Topics in Contemp. Phil.: Philosophical Issues in Art History
PHIL 408F Topics in Contemp. Phil.: Contemp. French & German Phil.
PHIL 408S Topics in Contemp. Phil.: The Nature of Scientific Understanding
PHIL 428A Origins of the Modern Scientific World-View
PHIL 431 **Aesthetic Theory**
PHIL 433 Issues in Jewish Ethics & Law (also HEBR 451)
PHIL 447 **Philosophy of Law**
PHIL 450 Scientific Thought I
PHIL 451 **Scientific Thought II**
PHIL 452 Philosophy of Physics
PHIL 453 Philosophy of Science II
PHIL 455 **Philosophy of the Social Sciences**
PHIL 456 **Philosophy of Biology**
PHIL 458A Topics in the Phil. of Sci.: Phil. of Agricultural Science
PHIL 458X Topics in the Phil. of Sci.: Causation & Causal Thinking
PHIL 472 Philosophy of Mathematics
PHYS 420 **Principles of Modern Physics**
PHYS 421 **Intro. to Modern Physics**
PHYS 490 **History of Modern Physics**
PHYS 499F Spec'l Top. in Physics: Twentieth Century Physics - Physics for Managers & Analysts
PORT 478A **Themes & Movements of Luso-Brazilian Lit. in Transl'n: Africa in Brazil**
PORT 478C Themes & Movements of Luso-Brazilian Lit. in Transl'n: Women as Authors & Characters in Brazilian Fiction
PSYC 457 Cultural Context of Psychological Development
SOCY 403 Intermed. Sociological Theory
SOCY 498K **Selected Top. in Soc.: Sociology of Knowledge**
SPCH 324 Communication & Gender
SPCH 450 Classical & Medieval Rhetorical Theory
THET 495 **History of Theatrical Theory & Criticism (also CMLT 498B)**
WMST 400 **Theories of Feminism**
ZOOL 301 Biological Issues & Scientific Evidence
ZOOL 323 Brain & Behavior

USP Analysis of Human Problems
1 course:

AASP 312 **Social & Cultural Effects of Colonization & Racism**
AASP 441 **Science, Technology, & the Black Community**
AASP 499A Adv. Topics in Public Policy & the Black Community: Economics of Poverty & Discrimination (also ECON 375)
AGRI 323 **Developing Youth Programs**
AGRO 303 **International Crop Production**
AMST 330 **Critics of American Culture**
AMST 418B Cult'l Themes in Amer.: Culture & Mental Disorders in Modern America
AMST 418C Cult'l Themes in Amer.: The American Environment: Conservation & Energy
AMST 418D **Cult'l Themes in Amer.: Growing Up American**
AMST 428B Amer. Cultural Eras: American Film Culture in the 1960s
ANTH 389B Research Probs.: Medicine, Health & Culture
AREC 365 **World Hunger: Population & Food Supplies**
AREC 433 Food & Agricultural Policy
AREC 445 **Agricultural Development in the Third World**
AREC 453 Natural Resource & Public Policy
ARHU 308A Critical Eras: An Interdis. View: Post World War II Japan through Film & Fiction
CHEM 374 Technology, Energy, & Risk
CLAS 374 Greek Lit. in Transl'n
CMLT 433 Dante & the Romance Tradition (also ITAL 411)
CNEC 431 The Consumer & the Law
CNEC 437 Consumer Behavior (also HLTH 437)
ECON 315 **Economic Development of Underdeveloped Areas**
ECON 370 **Labor Markets, Human Resources, & Trade Unions**
ECON 375 **Economics of Poverty & Discrimination (also AASP 499A)**
ECON 451 Public Choice & Public Policy
ECON 490 Survey of Urban Economic Problems & Policies
EDCI 381 Schools & Children
EDCP 420 Education & Racism
EDCP 462 The Disabled Person in American Society
EDHD 413 **Adolescent Development**
EDHD 445 **Guidance of Young Children**
EDIT 476 **Application of Technology to Societal Problems**
EDIT 492 **Issues Encountered in Daily Living in the Home**
EDPA 400 The Future of the Human Community
EDPA 401 Educational Technology, Policy & Social Change
ENAG 315 **Energy: Its Effects on Agriculture & Food**
ENGL 379F Spec'l Top. in Lit.: Coping with Change
ENGL 379N Spec'l Top. in Lit.: Lit. of Sentiment & Sentimentality
ENGL 379Q Spec'l Top. in Lit.: More's Utopia & Modern Utopian Visions
ENGL 379R Spec'l Top. in Lit.: Different Views of the Chesapeake Bay
ENGL 379S Spec'l Top. in Lit.: Changing Ideas of the City in Western Lit.
ENGL 379T Spec'l Top. in Lit.: On Argument
ENGL 479A Selected Top. in English & Amer. Lit. After 1800: Ideal & Real Communities in 19th Century Amer. Lit.
ENTM 303 International Pesticide Problems & Solutions
FMST 381 **Poverty & Affluence Among Families & Communities**
FMST 431 Family Crises & Intervention
FMST 487 **Legal Aspects of Family Problems**
FMST 497 **The Child & the Law**
FREN 478B Themes & Movements of French Lit. in Transl'n: Autobiographical Fiction by Francophone Women Writers
FREN 478C Themes & Movements of French Lit. in Transl'n: Conflict Between Individual & Society in French Lit.
FREN 479A Masterworks of French Lit. in Transl'n: The Age of Anxiety: The Lit. of Existentialism & the Absurd
FREN 479D **Masterworks of French Lit. in Transl'n: Ideologies & Relations between the Sexes**
GEOG 434 Agricultural & Rural Development
GEOG 456 Social Geography of Metropolitan Areas
GEOG 462 Water Resources Policy & Planning
GEOG 463 Geographic Aspects of Pollution
GEOG 464 **Energy Resources & Planning**
GERM 389J Topics in Germanic Culture: Honor as a Theme in Western Lit.
GERM 389R Topics in Germanic Culture: Reason & Faith
GNED 300 Perspectives on Nuclear War
GVPT 306 Global Ecopolitics
GVPT 403 **Law, Morality & War (also PHIL 446)**
GVPT 405 Defense Policy & Arms Control
GVPT 432 **Civil Rights & the Constitution**
GVPT 457 **American Foreign Relations**
GVPT 462 **Urban Politics**
GVPT 471 Women & Politics
HIST 307 **The Holocaust of European Jewry**
HIST 312A Crisis & Change in the U.S.: The Changing Urban Scene
HIST 312B Crisis & Change in the U.S.: Dynamics of Federal Indian Policy
HIST 313A **Crisis & Change in Euro. Society: Freedom & Authority**
HIST 314A **Crisis & Change in the Middle East & Africa: Nationalism & Nation Building in the Middle East**
HIST 316A Crisis & Change in Latin Amer.: Slavery & Race Relations
HIST 340 Eastern Europe Under Communism
HIST 342 Fascism: Theory & Practice
HIST 407 **Technology & Social Change in History**
HIST 419F Spec'l Top. in History: Deviance & Western Culture
HIST 458A Selected Top. in Women's History: Victorian Women in England, France & the U.S.
HLTH 437 **Consumer Behavior (also CNEC 437)**
HLTH 476 **Death Education**
HLTH 490 Theories of Children's Love & Peace Behaviors
HONR 378 **Honors Seminar: Analysis of Human Problems**
ITAL 411 **Dante - in Transl'n (also CMLT 433)**
ITAL 412 **Dante** (In Italian; See ITAL 411)
NUTR 425 International Nutrition
NUTR 498F Selected Top.: Development & Modification of Food Habits
PHIL 308B Studies in Contemp. Phil.: Phil. of Life
PHIL 308F Studies in Contemp. Phil.: Philosophical Aspects of Feminism
PHIL 340 Making Decisions
PHIL 342 Moral Problems in Medicine
PHIL 408A Topics in Contemp. Phil.: Analysis & Design of Legal & Moral Institutions
PHIL 408L Topics in Contemp. Phil.: Racial & Sexual Discrimination
PHIL 441 History of Ethics: Hobbes to the Present
PHIL 446 Law, Morality & War (also GVPT 403)
PHYS 318N Topics in Contemp. Physics: the Risks of Nuclear Power
PSYC 354 **Cross-Cultural Psychology**
SOCY 305 **Scarcity & Modern Society**
SOCY 325 **The Sociology of Gender**
SOCY 333 Technology & Society
SOCY 410 **Social Demography**
SOCY 427 **Deviant Behavior**
SOCY 431 Formal & Complex Organizations
SOCY 441 **Social Stratification & Inequality**
SOCY 460 **Sociology of Work**
SOCY 464 **Military Sociology**
SOCY 474 **Soviet Ethnic Issues**
SOCY 498A Selected Top. in Soc.: Medical Sociology
SOCY 498N Selected Top. in Soc.: Sociology of Nuclear War
SOCY 498R Selected Top. in Soc.: Work, Family, Community & Friendship: Issues in Social Identity & Well Being
ZOOL 346 Human Genetics & Society
ZOOL 381 Natural History of the Chesapeake Bay

USP CHECKLIST

This is just a quick checklist. Please refer to the USP outline and course lists for details exemptions, restrictions, etc.

☐ **USP FUNDAMENTAL STUDIES** (3 COURSES)
MATH ONE
INTRO. WRITING ONE
PROF. WRITING ONE

☐ **USP DISTRIBUTIVE STUDIES** (8 COURSES)
AREA A: CULTURE & HISTORY TWO
AREA B: NATURAL SCIENCES & MATHEMATICS TWO
(ONE COURSE MUST BE FROM THE LAB SCIENCE LIST)
AREA C: LITERATURE & THE ARTS TWO
(COURSES MUST BE FROM TWO DIFFERENT DEPARTMENTS)
AREA D: SOCIAL & BEHAVIORAL SCIENCES TWO

☐ **USP ADVANCED STUDIES** (2 COURSES)
USP DEVELOPMENT OF KNOWLEDGE ONE
USP ANALYSIS OF HUMAN PROBLEMS ONE

WHAT'S NEW

AND INTERESTING SPRING 1994

College of Arts and Humanities

ARHU 386 - LITERACY INTERNSHIP PROGRAM. Earn three upper-level credits tutoring reading and writing at an area high school. Training provided. Some academic sessions required. Prerequisites: Good communication skills, commitment. For more information and an application contact Billie Follensbee, 405-2115, or stop by Room 1111 Francis Scott Key Hall.

Comparative Literature Program

CMLT 214 - FILM FORM AND CULTURE. Introduction to film in international perspective, with an emphasis on the techniques of film analysis, distinctions among film genres, and the history of cinema. Satisfies CORE Humanities requirement.

CMLT 235 - LITERATURES OF THE AFRICAN DIASPORA. Introduction to a range of authors, periods, and genres that reflects the diversity of African and African Diaspora cultures. Satisfies both CORE Literature and Cultural Diversity requirements.

CMLT 270 - GLOBAL LITERATURE AND SOCIAL CHANGE. Cross-cultural study of literature and film form Africa, Asia, America, and the Caribbean in light of artistic, social, and political developments. Satisfies both CORE Literature and Cultural Diversity requirements.

CMLT 275 - WORLD LITERATURE BY WOMEN IN CROSS CULTURAL PERSPECTIVE. Comparative study of selected works by women writers from diverse countries and cultures. Satisfies both CORE Literature and Cultural Diversity requirements.

Department of French and Italian

FREN 240 - MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION (3 credits, Staff). Meets the CORE Literature requirement. All work in English.

FREN 242 - BLACK WRITERS OF FRENCH EXPRESSION IN TRANSLATION (3 credits, Staff). Readings in 20th century writers of French Expression from the French-speaking areas of Africa and the Caribbean, placed in socio-historical and cultural contexts. No knowledge of French required. Meets the CORE Literature and Diversity requirements.

FREN 400 - APPLIED LINGUISTICS (3 credits, Kinginger).

FREN 478A - FEMMES FATALES (3 credits, Mossman). The problem of violence in art with respect to women and marginal populations, through a consideration of the "femme fatale" in literature, opera, and film. Meets the CORE Advanced Studies requirement. All work in English.

FREN 479D - IDEOLOGIES AND RELATIONS BETWEEN THE SEXES (3 credits, MacBain). Evolution of the theme of sexual equality in masterworks of French Literature form the Middle Ages to today. Meets the CORE Advanced Studies requirement. All work in English.

ITAL 121/121H - ACCELERATED ITALIAN I (3 credits, Amodeo). An intensive course in Italian grammar for highly motivated students. With ITAL 122/122H, completes the Arts and Humanities language requirement.

ITAL 122/122H - ACCELERATED ITALIAN II (3 credits, Amodeo).

ITAL 241 - MODERN ITALIAN WOMEN WRITERS IN TRANSLATION (3 credits, Messbarger). Meets the CORE Distributive Studies requirement in Literature. All works in English.

Department of Geography

GEOG 110 - THE WORLD TODAY: A REGIONAL GEOGRAPHY. This is a Freshmen Seminar course. GEOG 110 uses the tools of geography to better understand the events in the news. Course content is largely determined by world events in the semester the class is taught, and the various geographical factors that have given rise to them.

GEOG 320 - THE UNITED STATES AND CANADA. This course will look at Canada and the United States from pre-colonial times to the present from the perspective of human and physical geography.

GEOG 326 - AFRICA. This course aims to give a balanced overview of contemporary sub-Saharan Africa in order to provide an introduction to current issues of the environment, politics, and development of the continent.

GEOG 350 - THE AMERICAN CITY: PAST AND PRESENT. This course will be taught as a computer laboratory and field work experience. Students will produce a hypermedia product using several computer tools.

GEOG 658A - SEMINAR IN HISTORICAL GEOGRAPHY: STUDYING PAST PLACES. The seminar will focus on philosophical, interpretive, and methodological issues associated with recreating settlement landscapes in the past. Participants will evaluate concepts of settlement organizations, pattern, and structure as they reflect spatial and social relationships; concepts of landscape as they involve questions of reconstruction and perception; and ideas about place relationships and developing a sense of place. Primary concern will be on North American places since 1500, whether temporarily inhabited or abandoned, rural or urban, but other regions and time periods will be considered.

GEOG 788R - SELECTED TOPICS IN GEOGRAPHY: BIOPHYSICAL REMOTE SENSING. Satellite remote sensing data are contributing to our increasing understanding of biological processes at the regional, continental, and global scales. This seminar course will consider the role of remote sensing data of all types in the monitoring and modelling of large scale processes.

Department of Kinesiology

KNES 289U - BASEBALL UMPIRING (1 credit). Knowledge and techniques necessary for becoming certified as a baseball umpire. This certification is required for employment as a baseball umpire in all of the local jurisdictions.

Language Center (FOLA)

FOLA (CRITICAL LANGUAGES) - DIRECTED STUDY OF A FOREIGN LANGUAGE. The FOLA program enables qualified students to acquire *speaking* knowledge of certain languages not currently offered in regular course format. Language offered by FOLA: HUNGARIAN, DUTCH, POLISH, PERSIAN, HINDI, NORWEGIAN, TURKISH, EGYPTIAN ARABIC, URDU, TAGALOG. (FOLA 138-159)

Department of Urban Studies and Planning

URBS 320 - PLANNING AND THE CONTEMPORARY CITY. (Tuesday and Thursday, 11:00 - 12:15). This is now a part of the CORE Liberal Arts and Sciences Program as an Advanced Studies Analysis of Social and Ethical Problems course. The course is a survey of major social, economic, political and environmental factors influencing the current state of the U.S. city and its physical environment, and an examination of the ways in which urban researchers and planners attempt to understand and analyze various urban economic improvement strategies and the land use implications of the 1990 Clean Air Act and the 1991 Intermodal Surface Transportation Efficiency Act.

URSP 629 - COMPUTER APPLICATIONS IN PLANNING. (Tuesday and Thursday, 7:00 - 9:30 p.m.). This course will introduce students to the role of computers in the analysis of planning issues and problems. Through lecture and discussion, the impact of computers on the planning process will be examined. We will address a variety of issues ranging form telecommunications to database management, to expert systems, to graphic presentation methods. In addition, the student will have an extensive hands on experience with a variety of computer applications. Specifically, the class project will require the students to develop computer skills to integrate their computer expertise toward the production of a final planning document.

URSP 688G - GROWTH MANAGEMENT AND ENVIRONMENTAL PLANNING. (Tuesday, 7:00-9:30 p.m.). Growth Management and Environmental Planning examines selected key topics associated with state and local growth management, defined as policies and strategies by which local governments attempt to control the amount, location, pace, pattern and quality of development within their jurisdictions. The class will analyze selected state and local case studies in growth management, focusing on their political histories, regulatory techniques, administrative procedures, legal/constitutional challenges, and relative effectiveness. Students will also consider alternative perspectives on selected social, economic, ecological, political, architectural/urban design and ethical questions involved in growth management.

URSP 691 - PLANNING AND POLITICS (Monday, 4:00 - 6:30 p.m.). This course looks at the politics of planning: Who makes decisions? What are the relations between political interests and expert knowledge? How does planners' information influence decisions? Which actions by planners make the most difference? The course begins with case studies of planning in several substantive fields, cities, and time periods. The course moves on to modes for planners' influence in decision making. The course will be helpful for students in planning, policy analysis, community work, or other fields concerned with making decision making more knowledgeable and democratic.

URSP 704 - COMMUNITY PLANNING STUDIO (Wednesday, 1:00 - 6:00 p.m., plus lab). Students in this six credit community field seminar work with faculty members and local officials studying social, economic, and/or physical conditions in several inside-the-beltway Maryland towns. They develop and assess plans for change, and in briefings and publications present condition descriptions and change recommendations. Integrative inter-disciplinary and inter-specialization teamwork is emphasized.

EDCP 386 _ LEADERSHIP AND COMMUNITY SERVICE. (3 credits, Susan Jones). An innovative course which integrates concepts and theories of leadership, diversity and community service. Central to the course is a requirement that all students complete extensive community service during the semester. Application for the course is required. Call 314–7174 for more information.

MATH 498B/MAPL 498B _ DIFFERENTIAL EQUATIONS IN ACTION. Ordinary differential equations are important mathematical models. When the answers to questions have more than academic interest, the working mathematician, engineer, physicist or biomedical researcher needs to know how to look at a system of differential equations and answer team-mates' questions by using qualitative (geometric) and numerical methods, since exact solutions rarely can be found. The topics covered will include examples from the instructor's experience including the dynamics of switching systems, enzyme kinetics, bistable circuits ("computer logic circuits"), and systems with control variables. The student will learn how to predict stability, instability and explosive growth, periodic behavior, chaotic behavior and "chattering" behavior, and how to make such phenomena useful. Students who have had experience with Mathematica, Pascal or C programming, or MatLab will be asked to make use of these tools. As much as possible a laboratory approach will be taken with student team members providing complementary analytical, scientific and programming skills. Prerequisite: MATH 246.

F.Y.F. 35

FIRST YEAR FOCUS

ATTENTION FIRST YEAR STUDENTS:

FIRST YEAR FOCUS continues in the spring semester with a roster of *First Year Courses.* These are small courses, appropriate for first year students, taught by distinguished members of the College Park faculty. Many are specially designed to provide a classroom setting in which students and faculty can share ideas, explore areas of mutual concern, and get to know each other -- and debate intensely the subject matter at hand: whether it be the disappearance -- and reappearance (at least at your local movie theater) -- of dinosaurs; the canon of Western Literature; the character of religious cults in the twentieth century, or many more subjects. *First Year Courses* place you in close contact with the university's greatest asset -- our faculty. They are intellectually challenging and rewarding.

First Year Courses were offered for the first time during the fall semester. You may be one of the 2000 students presently enrolled in one. If you enjoy it and want to take another here's your chance. Early registration begins this month so plan to include a *First Year Course* in your schedule. Please take the time to review these courses carefully and talk to your advisor about which class best meets your needs and interests. To give you a flavor of the wide range of courses offered, several are described here in greater detail. For descriptions of other *First Year Courses* consult the Undergraduate Catalog or the Educational Resources section of inforM.

NEW COURSE - GEOL 104 - DINOSAURS: A NATURAL HISTORY . Although extinct (except for Barney), dinosaurs press upon the modern imagination. They play a major role in popular entertainments and are perhaps the most-visited museum exhibits. DINOSAURS: A NATURAL HISTORY traces the history of these great beasts --their origins, evolution, and extinction -- and their revival in the popular imagination of the late twentieth-century. This is a CORE Distributive Studies course in the area of Math and the Sciences, Physical Sciences Non-Lab. Taught by Professor Eileen Mc Lellan, a former fellow at the Lily-Center for Teaching Excellence has written extensively on the environment and public policy.

NEW COURSE - ANTH 109W - MANAGING DIVERSITY AND RAPID CULTURE CHANGE. The term "culture" is at once so broad, and so narrow that it begs careful definition. MANAGING DIVERSITY AND RAPID CULTURE CHANGE provides insight into defining "culture" and how culture helps to interpret and define what things mean. Students will examine culture as an adaptation to living. Tony Whitehead is is an applied anthropologist specializing in the application of anthropological knowledge, skills and experiences to health and human services problems. In addition to being Chair of the Department of Anthropology, he is the Director of the Cultural Systems Analysis Group.

NEW COURSE - ANTH 109C - EXPLAINING DAVID KORESH AND JIM JONES. Focusing on the Branch Davidian Cult of Waco (1993) and the Jonestown, Guyana Cult of the late 1970's, EXPLAINING DAVID KORESH AND JIM JONES test a variety of anthropological and historical explanations to try to understand the attraction and repulsion of such of these fascination, but destructive phenomena. Students will undertake original research into the socio-political structure, leadership and ideologies of cults, develop their own theories, and write to that end. William Stuart is a social anthropologist specializing in comparative religion, with an emphasis on New Religeous Movements, their styles of leadership, and methods of recruitment. He serves as Director of Undergraduate Studies in the Department of Anthropology.

ENGL 201 - WESTERN WORLD LITERATURE: HOMER TO THE RENAISSANCE. Mastery of the canon of Western literature in one semester -- hardly. WESTER WORLD LITERATURE: HOMER TO THE RENAISSANCE offers both an introduction to the origins and genres of European literature and an exploration of the ethical . The class will discuss ethical values implicit in the works, the literary conventions of each era, gender and class roles assigned in the literature, and the influences of these works in later Western societies. Students will read from the central works of Greek, Hebrew, and Medieval Christian civilization. CORE Distributive Studies Literature. Linda Coleman enjoys teaching ancient literature because she is interested in comparing how ancient and modern cultures tell stories. When not teaching ENG 201, she works on discourse analysis, including language of advertising and language of religion.

JOUR 100 - INTRODUCTION TO MASS COMMUNICATION: A survey of the functions and effects of the mass media in the United States, INTRODUCTION TO MASS COMMUNICATION is a primer for the analysis of newspapers, television, radio, film, sound recording , books, magazines, new media technology, public relations, advertising and news. CORE Distributive Studies Behavioral and Social Sciences course. Professor Douglas Gomery frequently writes for national publication such as the *Village Voice*. His area of academic interest is in media history and media economics.

GEOG 110 - THE WORLD TODAY: A REGIONAL GEOGRAPHY: Using the tools of geography to better understand the events in the news, the syllabut of THE WORLD TODAY is a product of the nightly news. Course content is largely determined by world events during the semester and the geographical factors that have given rise to them. The interaction between the principels of geography and news of the day make for a yeasty intellectual brew which provides insight into the "news" and a rethinking of theory. Allen Eney is a physical geographer with a background in art history. He is interested in human and physical geography and has made documentary films throughout most of his career.

Below is a list of First Year Courses being offered during the Spring 1994 semester. An asterik in the section number indicates a First Year Course. Course times, instructors, CORE appicability, and MARS index numbers are also noted:

COURSE	DESCRIPTION	SECTION	INDEX #	TIME	INSTRUCTOR	BUILDING
CHIN 102	Elementary Spoken Chinese	01*1	09233	MWF 10:00-10:50	H. Shen	1308 SYM
CHIN 213	Chinese Poetry into English: CORE Distributive Studies Literature & Cultural Diversity	01*1	09276	MWF 2:00-2:50	S. Sargent	3140 EGR
ENGL 201	Western World Lit: Homer to the Renaissance: CORE Distributive Studies Literature	02*1	20045	TuTh 9:30-10:45	L. Coteman	1123 ARC
ENGL 205	Introduction to Shakespeare: CORE Distributive Studies Literature	01*1	20079	TuTh 11:00-12:15	G. Wilson	0103 KEY
ENGL 212	English Literature from 1800 to the Present: CORE Distributive Studies Literature	02*1	20124	TuTh 9:30-10:45	N. Issacs	2120 SCP
HEBR 112	Elementary Hebrew II (prerequisite: HEBR 111 or equivalent)	01*1	28057	MWF 9:00-10:50	E. Liberman	2117 JMZ
JAPN 102	Elementary Japanese II (prerequisite: JAPN 101 or equivalent)	01*1	32041	MWF 9:00-9:50 MWF 10:00-10:50 Dis	STAFF	0125 JMZ
ANTH 109C	Freshman Seminar: Explaining David Koresh and Jim Jones	01*1	01823	M 3:00-5:30	W. Stuart	1127 WDS
ANTH 109W	Freshman Seminar: Managing Diveristy and Rapid Culture Change	01*1	01833	W 12:00-2:30	T. Whitehead	0104 WDS
CCJS 109	Freshman Seminar: Crime and Public Policy	01*1	07828	MWF 9:00-9:50	C. Wellford	1108 TYD
ECON 109E	Freshman Seminar: Environmental Economics	01*1	11737	TuTh 9:30-10:45	W. Oates	0101 TYD
GEOG 110	The World Today: A Regional Geography	01*1	25414	MWF 9:00-9:50	S. Leatherman	1220 LEF
ASTR 195	Astronomy and the Modern World	01*1	04406	Tu 4:00-6:00	G. Deming	2352 CSS
GEOL 103	Earth, Water and Humans: CORE Distributive Studies Physical Sciences Laboratory	01*1	25982	TuTh 9:30-10:45 Th 12:30-3:30 LAB	STAFF	0124 CHM
GEOL 104	Dinosaurs: A Natural History CORE Distributive Studies Physical Sciences Non-Lab	01*1	25992	MWF 10:00-10:50	E. McLellan	1120 GEO
GVPT 100	Principles of Government and Politics: CORE Distributive Studies Behavioral and Social Sciences	01*1	27000	TuTh12:30-1:45	K. Soltan	0120 FSK
CMSC 112	Computer Science I (Pre or corequisite:MATH 140)	03*1	10156	TuTh 9:30-10:45 MW 9:00-9:50 LAB	B. Shneiderman	3140 EGR 3140 EGR
CMSC 150	Introduction to Discrete Structures: CORE Distributive Studies Math or Formal Reasoning	02*1	10182	TuTh 2:00-2:50 MW 2:00-2:50 DIS	D. Perlis	0102 CLB 2330 CSS
		03*1	10183	Tu Th 3:00-3:50 MW3:00-3:50	D. Perlis	0102 CLB 2330 CSS
MATH 110	Elem Mathematics Models CORE Fundamental Studies	01*5	35255	MWF 11:00-11:50	STAFF	0303 MTH
MATH 111	Intro to Probability: CORE Distributive Studies Math or Formal Reasoning	01*4	35296	MWF 9:00-9:50	STAFF	0305 MTH
MATH 115	Pre-Calculus CORE Fundamental Studies	02*5	35339	MWF 9:00-9:50	STAFF	0303 MTH
MATH 140**	Calculus I: CORE Dist Studies Math or Formal Reasoning	031*	35387	MWF 2:00-2:50 TuTh 9:00-10:50 Dis	M. Boyle	0126 ARM 0105 MTH
		032*	35388	MWF 2:00-2:50 TuTh 1:00-2:50 Dis	M. Boyle	0126 ARM 0105 MTH
MATH 141**	Calculus II: CORE Dist. Studies Math or Formal Reasoning (Prerequisite: MATH 140 or equivalent)	041*	35419	MWF 2:00-2:50 TuTh 1:00-2:50 Dis	S. Wolpert	0135 ARM 0201 MTH
MATH 251	Analysis II: CORE Dist. Studies, Math or Formal Reasoning (Prerequisite: MATH 250)	01*1	35602	MWThF 10:00-10:50	G. Stuck	0102 MTH
PHYS 103	Physics of Music Lab: Counts as CORE Distributive Studies Physical Sciences Lab ONLY when taken concurrently with PHYS 102 (pre or corequisite: PHYS 102)	02*1	41536	Th 12:00-1:50	A. Bardasis	3113 PHY
PHYS 107	Light, Perception, Photog. and Visual Phenomena Laboratory: Counts as CORE Dist. Studies Physical Sciences Lab ONLY when taken concurrently with PHYS 106 (pre or corequisite: PHYS 106)	02*1	41558	Tu 9:00-10:50	D. Brill	3214 PHY
PHYS 117	Introduction to Physics: CORE Distributive Studies Physical Science Laboratory	01*1	41584	MWF 9:00-9:50 Tu 11:00-12:50 Lab	J. Layman	1410 PHY 3316 PHY
PHYS 141	Principles of Physics: CORE Distributive Studies Physical (Co-requisite: MATH 141)	01*2	41640	MWF 3:00-3:50 W 1:00-2:50 Lab W 12:00-12:50 Dis	S. Bhagat	1410 PHY 3314 PHY 4208 PHY
ENES 100	Introduction to Engineering Design	01*1	19609	W 11:00-11:50 W 1:00-3:00 Dis	STAFF	0135 ARM 2145 CHM
		01*2	19610	W 11:00-11:50 Th 1:00-3:00 Dis	STAFF	0135 ARM 0110 EGR
		01*3	19611	W 11:00-11:50 Th 10:00-12:00 Dis	STAFF	0135 ARM 3108 EGR
		01*4	19612	W 11:00-11:50 F 8:00-10:00 Dis	STAFF	0135 ARM 2136 CHE
JOUR 100	Introd to Mass Communication: CORE Distributive Studies Behavioral andSocial Science	01*2	32170	TuTh 2:00-3:15	D. Gomery	1104 JRN

***** MATH 140/141: These sections have been specifically designed for students in CMPS and ENGR. Please contact Dr. Thelma Williams (CMPS) or Dr. Rosemary Parker.***

Questions about FIRST YEAR COURSES? Call Jo-Ann Amadeo or Nancy Shapiro at 405-9363

Questions about Early Registration? Call Registrations at 314-8240

36 CLUSTERS

CLUSTERS & CONFERENCES

Everything is connected, but sometimes the plug's not in. Clusters are a great extension cord, joining together courses across departmental and disciplinary lines. They make intellectual connections that are latent and liminal, but direct and manifest. Clusters also provide new chances to find intellectual companionship and student partners, thus knitting students and faculty together in the University's primary mission: the pursuit of the truth.

From a practical perspective, clusters generally consist of two or three lecture courses linked together with a one-credit cluster seminar. The cluster seminar draws diverse subjects together to investigate the methods, logic and evidence of each, from multiple perspectives. Viewing a single subject from a variety of perspectives, often provides new understandings and insights. Intellectual sparks fly when the plug's connected.

Cluster courses are open to all students. To register for one use the Cluster course and section number, for example CLUS 001, section 0001. You will automatically be registered for all courses that make up the specific cluster. Course times, instructors and Cluster index number (for use with MARS) are noted with the Cluster information below.

CLUS 001. THE EMPIRES STRIKES BACK: SOCIAL AND CULTURAL RESPONSES FROM THE "OTHER"

Section Number: 0001

Index Number: 09653

The Empires Strikes Back offers an interdisciplinary examination of the effects of colonialism and imperialism on people of color and women by a careful examination of the effects of the African Diaspora. Using perspectives from Afro-American and Women's Studies, students will analyze compare and contrast issues, events and histories across disciplines.

WMST 298C: Caribbean Women. This course examines the nature, sources, and issues facing women in the Caribbean. The course is interdisciplinary and crosses the various societies, focusing on the four language groups in the region: French, Dutch, English and Spanish. Section 01+1 meets Monday and Wednesday, 11:00-12:15

Instructor: A. Lynn Boles. *Location: 1127 WDS*

AASP 312+: Social and Cultural Effects of Colonization. The course develops a comparative approach to the study of social and cultural effects of colonization and racism on black people in Africa, Latin American and in the United States. Issues of family life, religion, economic institutions, education, and artistic expression will be raised and discussed. Section 0101 meets Mondays 2:00 - 4:00 p.m.

Instructor: R. Williams *Location: 1119 SCP*

GNED 110+: Section 0001 meets Monday 1:00 - 1:50 p.m.Location: 1222 LEF

Please note: *A related course, PORT 224 Brazilian Culture, taught by P. Rhodes, may be of interest to those participating in this cluster. This course will deal similar themes from a different perspective.*

CLUS 002. SCIENCE: THEORY AND PRACTICE

Section Number: 0002

Index Number: 09663

This cluster moves between the immense, problematic, theoretical questions of how scientific discoveries influence and change history (and vice versa), and the concrete, specific, intense revelations present in the life of a cell. The mysteries of scientific inquiry takes many forms, and in this cluster you will have an opportunity to reach in multiple directions for answers.

ZOOL 211+: Cell Biology and Physiology. This course examines the biochemical and physiological mechanisms underlying cellular functions. Properties of cells which make life possible and mechanics by which cells provide energy, reproduce, and regulate and integrate with each other and their environment. Section 0106 meets MWF 12:00 - 12:50 for lecture. Lab meets Wednesday 2:00 - 5:00.

Instructor: W. Higgins *Location: 1240 ZOP - Lecture*
0207 ZOP - Lab

PHIL 250+: Philosophy of Science. This course focuses special attention to the way scientific discoveries have influenced the Philosophy of Science and how the Philosophy of Science has influenced scientific progress. The course progresses through case studies of selected historical episodes in which science and philosophy have interacted significantly. Section 0101 meets Tuesday and Thursday 9:30 - 10:45.

Instructor: S. Vollmer *Location: 0117 HBK*

GNED 110+: Section 0002 meets Mondays 10:00 - 10:50Location: 1238 ZOP

CLUS 006. FAMILY WELL BEING IN THE UNITED STATES: SOCIAL POLICY IMPACTS ON MILITARY AND CIVILIAN QUALITY OF LIFE.

Section Number: 0006

Index Number: 09703

This cluster analyzes the process of family policy formation and the effects of family policies in the lives of Americans. The lifestyles of military families are analyzed and compared with civilian families. The format and requirements of both courses are designed to facilitate integration of the two classes and are flexible so as to accommodate students' particular interests (no formal prerequisites)

SOCY 498M: Military Families. This course covers the relationship between the work organization and the family in the armed forces of American society, and compares it to other occupations. Topics to be included are the description of the military family lifestyle, organizational demands on service members and their families, coping with stress, and family policy in the military (including family support programs). Section 01+1 meets Tuesday 3:30 - 6:10.

Instructor: M. Segal *Location: 3215 ASY*

FMST 452+: Family Policy Analysis. This course addresses the impact of government policy on family life at both the federal and state levels. Topics include policy formation, implementation, and evaluation and the influence of those processes on the current state of the family. Section 0101 meets Thursday 3:30 - 6:10.

Instructor: E. Anderson *Location: 1131 WDS*

GNED 110+: Section 0006 meets Thursday 1:00- 1:50Location: 3221 ASY

HISTORY AND ENGLISH COGNATE CLUSTERS

The three clusters below explore multidisciplinary approaches to interpreting history and interpreting literature. How do the great events of a particular time and place influence and shape the legacies of creative intelligences in those times and places? How do inspired individuals transform the mundane elements of daily life into universal commentaries for al times? What were the historical and social influences on Dickens or Twain? How do Virginia Woolf or Emily Dickinson recast our understanding of their times? Each of these clusters create a rich context for study and reflection.

CLUS 003. BRITISH HISTORY AND LITERATURE IN CONTEXT.

Section Number: 0003

Index Number: 09673

HIST 235+. Britain 1461-1714. This course surveys British history from the War of the Roses to the Hanoverian succession; Yorkist and Tudor society and politics; the Renaissance and Reformation in England, Henry VIII through Elizabeth; 17th century crises and revolutions; intellectual and cultural changes; the beginnings of empire, and the achievement of political and intellectual order. Section 0101 meets Tuesday and Thursday 1:00- 1:50.

Instructor: M.Breslow *Location: 0102 KEY*

Discussion: To be announced

ENGL 211+. English Literature to 1800. This course will be a sampling of the great works of each period from Anglo-Saxon times to the 18th century. Students will read, discuss, and write about *Beowulf*, several of the *Canterbury Tales*, selections from the *Faerie Queen*, *Paradise Lost* and a few other works will be read and discussed. Section 0301 meets Monday, Wednesday, Friday 11:00 - 11:50.

Instructor: V. Plaza *Location: 0125 KEY*

GNED 110+: Section 0003 meets Wednesday 1:00- 1:50.Location: 1114 WDS

CLUS 004. AMERICAN HISTORY AND LITERATURE IN CONTEXT I.

Section Number: 0004

Index Number: 09683

HIST 156+. United States History to 1865. This course examines the history of the United States from colonial times to the end of the Civil War. Discussion will focus on the establishment and development of American institutions. Section 0201 meets Tuesday and Thursday 10:00 - 10:50.

Instructor: D. GrimstedL *Location: 0106 KEY*

ENGL 221+. American Literature to 1865. This course surveys American literature written between the founding of the colonies and the Civil War. Students will read works by such authors as Bradstreet, Taylor, Franklin, Freneau, Jefferson, Irving, Bryant, Poe, Emerson, Thoreau, Hawthorne, Whitman, and Melville. Class discussion will focus on a close analysis of texts, as well as on broad literary, intellectual and cultural developments in antebellum America. Section 0101 meets Tuesday and Thursday 12:30 - 1:45.

Instructor: T. Ruppel *Location: 0125 KEY*

GNED 110+: Section 0004 meets Thursday 9:00 - 9:15.Location: 1106 HZF

CLUS 005. AMERICAN HISTORY & THE LITERATURE IN CONTEXT II.

Section Number: 0005

Index Number: 09693

HIST 157+. United States History Since 1865. This course addresses events and issues arising in American history from the end of the Civil War to the present. Economic, social, intellectual and political developments will be examined using both primary and secondary texts. The course follows the rise of industry in the United States and the emergence of the United States as a world power. Section 0101 meets Monday and Wednesday 10:00 - 10:50.

Instructor: H. Shulman *Location: 0106 KEY*

ENGL 222+. American Literature Since 1865. This course surveys American Literature from the Civil War to the present. Students will read from such authors as Whitman, Dickinson, Twain, Henry James, Stephen Crane, Fitzgerald, Faulkner, Hemingway, O'Neill and Eliot. Class discussion will provide historical context for the literature studied and may address such issues as literary periods, movements, genres and questions of how race, gender and class are represented in the works. Section 0101 meets Tuesday and Thursday 9:30 - 10:45.

Instructor: S. Steinberg *Location: 3110 EGR*

CONFERENCES FOR CREDIT

This semester, as in years past, the campus will host a variety of conferences, bringing scholars and artists from all over the world to address questions of weight and significance on matters as far ranging as the status of women in the Ottoman Empire to the post-war, post-colonial reconstruction of religion and ethnicity. To encourage students to participate in these world class intellectual gatherings, some classes are offering and additional credit to students who participate in a conference and report their findings. (The precise form of this report will be agreed upon between the supervising professor and the student.)

Three conferences are being offered during the spring semester as part of this new program .

Once Empires Fade: Religion, Ethnicity, and the Possibilities for Peace
April 10 - 11, 1994

Once Empires Fade will examine the post-Cold War, post-imperial world possibilities for world peace within the context of the redefinition and reconstruction of religious and ethnic lines. Internationally - known speakers will address four broad themes: two from political perspectives and two from religious perspectives. These plenary sessions will be followed by a series of workshops on topics ranging from multi-ethnic empires of the past, the national rivalries in Europe, Asia, and Africa, and the theologies of war and peace.

Several courses this semester will tie into the themes raised at this ground breaking conference. For a conference program and additional information, call Professor Bernard Cooperman, Myerhoff Center for Jewish Studies, 405-4975.

Women in the Ottoman East: History and Heritage of the Early Modern Middle East
April 17 -18, 1994

Women in the Ottoman East will bring scholars from all over the world to address the changing place of women in Middle Eastern countries. Placing the status of women in historical perspective, the conference will explore how sex and gender ere remade by alterations in religious and secular life. For a full program of the conference contact Professor Madeline Zilfi, Department of History, Frances Scott Key Hall, 405-4303.

HIST 319Z offers an extra credit for participation in *Women in the Ottoman East*.

HIST 319Z Women, Family, and Society in the Middle East Taught by Professor Madeline Zilfi. Meets Tuesday 1:00 - 3:00. 2119 KEY. Discussion time and room to be arranged.(3 credits plus 1 credit for GNED 110)

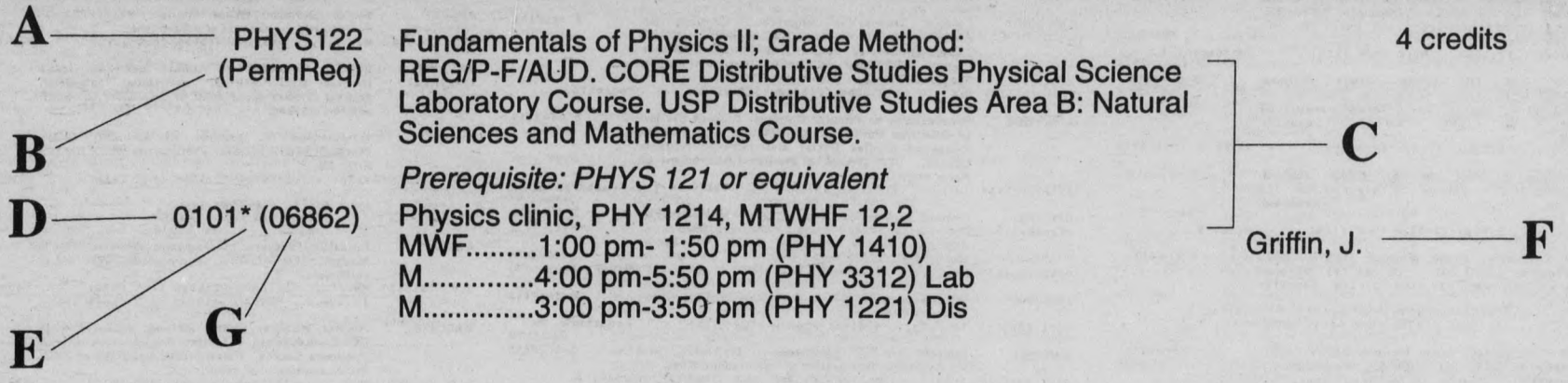
Attending to Early Modern Women
April 21-23, 1994

The study of early modern women raises significant questions that transcend the research strategies of any single discipline: How do we understand past women's voices, texts, and images? How do we make it possible for others to hear, read and see them? What are the connections between ourselves and our subjects? What places for community existed among women or were imagined in the early modern period? To what extent were women marginalized by their sex and how did other affiliation -- such as occupation, class or religion -- affect this marginalization? *Attending to Early Modern Women* will bring scholars from a variety of disciplines to the University of Maryland to explore these and other questions.Professor Natalie Davis of Princeton University will be the keynote speaker. The conference is sponsored by the Center for Renaissance and Baroque Studies. Students can get a full program at the Center's office in Room 1120 Francis Scott Key Hall (405-6830).

CLAS 320 offers an extra credit for participation in *Attending to Early Modern Women*:

CLAS 320. Women in Classical Antiquity. Taught by Professors Judith Hallett and Lillian Doherty. Meets Monday, Wednesday, Friday 2:00-2:50. CORE Advanced Studies Development of Knowledge; CORE Diversity; USP Advanced Studies. (3 credits plus 1 credit for GNED 110)Location: 1304 MMH

HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission Required -- Indicates if course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have department authorization on their Schedule Request Form, or entered into the computer system prior to registration.

C. Course Information -- outlines information such as grading methods, prerequisites, if course meets CORE/USP requirement, special requirements and notes.

D. Section Number -- The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (lAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Index Number -- Number used to identify courses when registering with MARS.

F. Instructor

G. An asterisk in the section number indicates a First Year Focus small course. Registration is restricted to freshmen students.

AASP Afro-American Studies (Behavioral and Social Sciences)

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (00001) MW.....12:00pm-12:50pm (LEF 2205) Wilson, F.
F.....11:00am-11:50am (ARC 1103) Dis
0102 (00002) MW.....12:00pm-12:50pm (LEF 2205) Wilson, F.
F.....12:00pm-12:50pm (WDS 0104) Dis
0103 (00003) MW.....12:00pm-12:50pm (LEF 2205) Wilson, F.
F.....10:00am-10:50am (ARM 0116) Dis
0104 (00004) MW.....12:00pm-12:50pm (LEF 2205) Wilson, F.
F.....11:00am-11:50am (ARM 0105) Dis
0105 (00005) MW.....12:00pm-12:50pm (LEF 2205) Wilson, F.
F.....12:00pm-12:50pm (ARM 0116) Dis
0106 (00006) MW.....12:00pm-12:50pm (LEF 2205) Wilson, F.
F.....10:00am-10:50am (KEY 0116) Dis

AASP101 Public Policy and the Black Community; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. *Formerly AASP 300.* 3 credits

0101 (00016) Tu..... 5:00pm- 7:30pm (TYD 0117) Grant-Wisdom, D

AASP108H (PermReq) Honors Seminar: The Black Family; Grade Method: REG/P-F/AUD. 3 credits

0101 (00026) TuTh.....11:00am-12:15pm (JMZ 1109) Turner, S.

AASP200 African Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (00036) TuTh..... 9:30am-10:45am (MMH 3418) Kargbo, I.

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (00046) MW.....10:00am-10:50am (SHM 2101) Darling, M.
F.....10:00am-10:50am (LEF 1221) Dis
0102 (00047) MW.....10:00am-10:50am (SHM 2101) Darling, M.
F.....10:00am-10:50am (JRN 1105) Dis
0103 (00048) MW.....10:00am-10:50am (SHM 2101) Darling, M.
F.....11:00am-11:50am (JRN 1105) Dis
0104 (00049) MW.....10:00am-10:50am (SHM 2101) Darling, M.
F.....11:00am-11:50am (JRN 1104) Dis
0105 (00050) MW.....10:00am-10:50am (SHM 2101) Darling, M.
F.....12:00pm-12:50pm (JRN 1104) Dis
0106 (00051) MW.....10:00am-10:50am (SHM 2101) Darling, M.
F..... 9:00am- 9:50am (LEF 1221) Dis

AASP298U Special Topics in Afro-American Studies: Jazz as a Cultural Art Form; Grade Method: REG/P-F/AUD. 3 credits

0101 (00061) M..... 1:00pm- 3:40pm (SDH 3123) Williams, J.

AASP299D Selected Topics in Afro-American Studies: West African Dance; Grade Method: REG/P-F/AUD. 2 credits

0101 (00071) TuTh..... 9:30am-10:45am (DNC 1105) Frosch-Schroder

AASP299R (PermReq) Selected Topics in Afro-American Studies: Research Methodologies for Majors; Grade Method: REG/P-F/AUD. 1 credit

0101 (00081) Tu.....11:00am-11:50am (LEF 1210) Harley, S.

AASP305 Theoretical, Methodological and Policy Research Issues in Afro-American Studies; Grade Method: REG/P-F/AUD. *Prerequisite: AASP 101 or permission of department. Formerly AASP 401.* 3 credits

0101 (00091) M..... 7:00pm- 9:30pm (LEF 1201) Sabol, W.

AASP312 Social and Cultural Effects of Colonization and Racism; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits

0101 (00101) M..... 2:00pm- 4:30pm (SCP 1119) Williams, R.

AASP312H (PermReq) Social and Cultural Effects of Colonization and Racism; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits

0101 (00121) M..... 2:00pm- 4:30pm (SCP 1119) Williams, R.

AASP388 (PermReq) Experiential Learning; Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

0101 (00131) Tu..... 2:00pm- 4:30pm (LEF 2169) Pharr, N.

AASP397 (PermReq) Senior Thesis; Grade Method: REG/P-F/AUD. *Prerequisites: AASP 305; and permission of department.* 3 credits

0101 (00141) Time and room to be arranged Williams, R.

AASP402 Classic Readings in Afro-American Studies; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. 3 credits

0101 (00151) M..... 2:00pm- 4:30pm (LEF 1201) Wilson, F.

AASP410 Contemporary African Ideologies; Grade Method: REG/P-F/AUD. 3 credits

0101 (00161) Tu..... 9:30am-12:00pm (JMZ 0208) Lashley, M.

AASP441 Science, Technology, and the Black Community; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: AASP 100 or AASP 202 or HIST 255 or permission of department.* 3 credits

0101 (00171) TuTh.....12:30pm- 2:00pm (LEF 1220) Chateauvert, M.

AASP468S Special Topics in Africa and the Americas: Seminar on History of South Africa; Grade Method: REG/P-F/AUD. 3 credits

0101 (00181) M..... 2:00pm- 4:00pm (KEY 0120) Bravman, M.
Time and room to be arranged Dis

AASP478P Humanities Topics in Afro-American Studies: African-American Literature Since 1945; Grade Method: REG/P-F/AUD. 3 credits

0101 (00191) MWF.....11:00am-11:50am (KEY 0116) Washington, M.

AASP498C Special Topics in Black Culture: The Civil Rights Movement; Grade Method: REG/P-F/AUD. Prerequisite: AASP 100 or AASP 202. 3 credits

0101 (00201) Th..... 6:00pm- 8:30pm (WDS 1127) Chateauvert, M.

AASP498F Special Topics in Black Culture: The African American Family; Grade Method: REG/P-F/AUD. 3 credits

0101 (00211) Tu..... 5:00pm- 7:45pm (MMH 1206) Billingsley, A.

AASP498N Special Topics in Black Culture: Women and Work; Grade Method: REG/P-F/AUD. 3 credits

0101 (00221) Tu..... 2:00pm- 4:30pm (KEY 0121) Harley, S.

AASP499B Advanced Topics in Public Policy and the Black Community: Political Economy of Race and Gender; Grade Method: REG/P-F/AUD. 3 credits

0101 (00231) Th..... 2:00pm- 4:30pm (LEF 1222) Williams, R.

AASP499K Advanced Topics in Public Policy and the Black Community: Black Politics in the Americas; Grade Method: REG/P-F/AUD. Prerequisite: AASP 301 or permission of the department. 3 credits

0101 (00241) TuTh.....12:30pm- 1:45pm (TWS 0147) Johnson, O.

AASP499R Advanced Topics in Public Policy and the Black Community: Race and Gender; Grade Method: REG/P-F/AUD. Prerequisite: AASP 301 or permission of department. 3 credits

0101 (00251) Th..... 9:30am-12:00pm (PHY 1221) Lashley, M.

AASP499U Advanced Topics in Public Policy and the Black Community: Urban Politics; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 260 or AASP 301 or permission of department. 3 credits

0101 (00261) Tu..... 3:30pm- 6:15pm (TYD 2106) STAFF

AGRI Agriculture (Agriculture)

AGRI323 Developing Youth Programs; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Formerly AEED 323.* 3 credits

0101 (00535) TuTh..... 9:30am-10:30am (SYM 0200) Rivera, W.
Tu..... 2:00pm- 4:00pm (SYM 0115) Dis
0102 (00536) TuTh..... 9:30am-10:30am (SYM 0200) Rivera, W.
W..... 2:00pm- 4:00pm (SYM 0115) Dis
0103 (00537) TuTh..... 9:30am-10:30am (SYM 0200) Rivera, W.
Th..... 2:00pm- 4:00pm (SYM 0115) Dis
0104 (00538) TuTh..... 9:30am-10:30am (SYM 0200) Rivera, W.
F..... 8:00am-10:00am (SYM 0115) Dis
0105 (00539) TuTh..... 9:30am-10:30am (SYM 0200) Rivera, W.
F.....10:00am-12:00pm (SYM 0115) Dis
0106 (00540) TuTh..... 9:30am-10:30am (SYM 0200) Rivera, W.
F.....12:00pm- 2:00pm (SYM 0115) Dis

AGRI450 Human Resources Development in Agriculture; Grade Method: REG. *Junior standing.* 3 credits

0101 (00550) MW..... 9:30am-10:45am (SYM 0115) Rivera, W.

AGRI627 Program Evaluation in Adult and Continuing Education; Grade Method: REG/AUD. *Prerequisite: AGRI 626 or permission of department. Formerly AEED 627.* 3 credits

0101 (00560) Tu..... 7:00pm- 9:40pm (SYM 0115) Rivera, W.

AGRI632 International Extension/Adult Education; Grade Method: REG/AUD. *Formerly AEED 632.* 3 credits

0101 (00570) Time and room to be arranged Rivera, W.

AGRI699 (PermReq) Special Problems; Grade Method: REG. individual instruction course: contact department or instructor to obtain section number. 1-3 credits

AGRI799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AGRI899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

AGRO Agronomy (Agriculture)

AGRO302 Fundamentals of Soil Science; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: one semester of chemistry, or permission of department.* Course is offered in the spring semester only. 4 credits

0101 (00715) TuTh..... 4:00pm- 5:15pm (HJP 0226) Weil, R.
M..... 9:00am-11:50am (HJP 0210) Lab
0102 (00716) TuTh..... 4:00pm- 5:15pm (HJP 0226) Weil, R.
M..... 4:00pm- 6:50pm (HJP 0210) Lab
0103 (00717) TuTh..... 4:00pm- 5:15pm (HJP 0226) Weil, R.
Tu..... 9:00am-11:50am (HJP 0210) Lab
0104 (00718) TuTh..... 4:00pm- 5:15pm (HJP 0226) Weil, R.
Tu..... 5:30pm- 8:20pm (HJP 0210) Lab

AGRO303 International Crop Production; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: BIOL 105 or equivalent.* Course is offered in the spring semester only. 3 credits

0101 (00729) MWF.....11:00am-11:50am (HJP 1104) STAFF

AGRO308 Field Soil Morphology; Grade Method: REG/P-F/AUD. 1-2 credits
0101 (00739) Time and room to be arranged Rabenhorst, M.

AGRO386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

AGRO401 Pest Management Strategies for Turfgrass; Grade Method: REG/P-F/AUD. *Prerequisite: AGRO 305.* Course is offered every two years in the spring semester only. 3 credits
0101 (00772) TuTh.....12:00pm- 1:50pm (HJP 1104) Dernoeden, P.

AGRO407 Cereal and Oil Crops; Grade Method: REG/P-F/AUD. *Pre- or corequisites: BIOL 105 and AGRO 101.* Course is offered every two years in the spring semester only. 3 credits
0101 (00782) MWF..... 9:00am- 9:50am (HJP 1104) STAFF

AGRO411 Principles of Soil Fertility; Grade Method: REG/P-F/AUD. Course is offered in the spring semester only. 3 credits
0101 (00792) TuTh..... 8:45am-10:00am (HJP 1104) Weil, R.

AGRO421 Soil Chemistry; Grade Method: REG/P-F/AUD. *Prerequisite: AGRO 302.* Course is offered every two years in the spring semester only. 4 credits
0101 (00802) MWF.....10:00am-10:50am (HJP 1104) James, B.
W..... 1:00pm- 3:50pm (HJP 0210) Lab

AGRO422 Soil Microbiology; Grade Method: REG/P-F/AUD. *Prerequisite: AGRO 302, CHEM 104 or permission of department.* Course is offered every two years in the spring semester only. 3 credits
0101 (00812) MF..... 1:00pm- 1:50pm (HJP 1104) Angle, S.
Th..... 2:00pm- 4:50pm (HJP 0210) Lab

AGRO451 Crop Culture and Development; Grade Method: REG/P-F/AUD. *Pre- or corequisite: BOTN 441.* Course is offered every two years in the spring semester only. 3 credits
0101 (00822) MWF..... 2:00pm- 2:50pm (HJP 1104) Slaughter, L.

AGRO454 Air and Soil Pollution Effects on Crops; Grade Method: REG/P-F/AUD. Course is offered every two years in the spring semester only. 3 credits
0101 (00832) MWF..... 3:00pm- 3:50pm (HJP 1104) Mulchi, C.

AGRO499 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGRO499A Special Problems in Agronomy: Hydric and Hydromorphic Soils; Grade Method: REG/P-F/AUD. This course will have four mandatory field trips on Saturdays. Reserve 3/12, 3/19, 4/9, 4/23, 4/30 and 5/7 for field trips. 3 credits
0101 (00865) W..... 7:00pm- 9:00pm (HJP 1104) Rabenhorst, M.
Time and room to be arranged Lab

AGRO499B Special Problems in Agronomy: Soil Bioremediation; Grade Method: REG/P-F/AUD. 3 credits
0101 (00875) MWF..... 8:00am- 8:50am (HJP 1104) Angle, S.

AGRO602 Advanced Crop Breeding II; Grade Method: REG/AUD. *Prerequisites: AGRO 601 and a graduate statistics course.* Course is offered every two years in the spring semester only. 2 credits
0101 (00885) TuTh.....11:00am-11:50am (HJP 1104) Aycock, M.

AGRO608 (PermReq) Research Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

AGRO608T (PermReq) Research Methods: Advanced Teaching Methods in Agronomy; Grade Method: REG/AUD. 1-4 credits
0101 (00917) Time and room to be arranged Dis Weil, R.

AGRO798 Agronomy Seminar; Grade Method: REG/AUD. 1 credit
0101 (00927) M.....12:00pm-12:50pm (HJP 1104) Rabenhorst, M.

AGRO799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree. 1-6 credits

AGRO804 Design and Analysis of Crop Research; Grade Method: REG/AUD. *Prerequisite: BIOM 401.* Course is offered in the spring semester only. 4 credits
0101 (00959) TuTh..... 2:00pm- 3:15pm (ANS 0402) McIntosh, M.
W.....11:00am-12:50pm (ANS 0473) Lab

AGRO806 Herbicide Chemistry and Physiology; Grade Method: REG/AUD. *Prerequisites: AGRO 453; and CHEM 104.* Course is offered every two years in the spring semester only. 2 credits
0101 (00969) TuTh.....10:00am-10:50am (HJP 1104) Glenn, D.

AGRO832 (PermReq) Advanced Soil Physics; Grade Method: REG/AUD. *Prerequisites: AGRO 417; and permission of both department and instructor.* Course is offered every two years in the spring semester only. 3 credits
0101 (00979) WF.....12:00pm-12:50pm (HJP 1104) Hill, R.
Th..... 9:00am-10:50am (HJP 0210) Lab

AGRO899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree. 1-8 credits

AMST American Studies (Arts and Humanities)

AMST201 Introduction to American Studies; Grade Method: REG/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits
0101 (01059) MWF.....10:00am-10:50am (SCP 1121) Turk, D.
0201 (01060) MWF.....11:00am-11:50am (SCP 1117) Turk, D.
0301 (01061) MWF.....12:00pm-12:50pm (SCP 1121) Weinstein, D.
0401 (01062) MWF..... 1:00pm- 1:50pm (SCP 1121) Weinstein, D.
0501 (01063) TuTh..... 9:30am-10:45am (SCP 1117) Dewald, N.
0701 (01064) TuTh.....12:30pm- 1:45pm (SCP 2121) Dewald, N.
0801 (01065) MWF..... 9:00am- 9:50am (SCP 1121) DeLorenzo, M.
0901 (01066) TuTh.....12:30pm- 1:45pm (SCP 1117) Sherry, D.
1001 (01067) TuTh..... 2:00pm- 3:15pm (SCP 1121) Sherry, D.
1101 (01068) MWF.....10:00am-10:50am (SCP 1117) DeLorenzo, M.
1201 (01069) MWF.....11:00am-11:50am (SCP 1121) Ritzer, J.

AMST203 Popular Culture in America; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (01079) TuTh..... 9:30am-10:45am (SCP 1121) Mintz, L.

AMST204 Film and American Culture Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (01089) TuTh.....11:00am-12:15pm (SCP 1121) Taylor, D.

AMST207 Contemporary American Cultures; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits
0101 (01099) MWF..... 1:00pm- 1:50pm (SCP 1117) Caughey, J.

AMST330 Critics of American Culture; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: prior course in AMST, HIST, or SOCY.* 3 credits
0101 (01109) TuTh.....12:30pm- 1:45pm (SCP 1121) Mintz, L.

AMST388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST418D Cultural Themes in America: Growing Up American; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 (01133) MWF.....12:00pm-12:50pm (SCP 1117) Paoletti, J.

AMST428B Perspectives on Popular Culture: Science Fiction in American Culture; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 (01143) TuTh.....11:00am-12:15pm (SCP 1117) Lounsbury, M.

AMST450 (PermReq) Seminar in American Studies; Grade Method: REG. *Prerequisite: nine hours prior coursework in American Studies, including AMST 201. Senior standing. For AMST majors only.* 3 credits
0101 (01153) MW..... 9:00am-10:30am (KEY 0116) Diner, H.

AMST601 Introductory Seminar in American Studies; Grade Method: REG. 3 credits
0101 (01163) Tu..... 4:00pm- 6:40pm (SCP 1117) Lounsbury, M.

AMST802 Interdisciplinary Research Methods and Bibliographic Instruction; Grade Method: REG. 3 credits
0101 (01173) TuTh..... 5:00pm- 6:30pm (SCP 1121) Sies, M.

AMST828B (PermReq) Seminar in American Studies: Popular Culture in America; Grade Method: REG. 3 credits
0101 (01183) Tu..... 7:00pm- 9:40pm (SCP 1121) Mintz, L.

AMST828C (PermReq) Seminar in American Studies: Imaginary Social Worlds; Grade Method: REG. 3 credits
0101 (01193) W..... 4:00pm- 6:40pm (SCP 1121) Caughey, J.

AMST828G (PermReq) Seminar in American Studies: Literature and Society; Grade Method: REG. 3 credits
0101 (01203) Th..... 4:00pm- 6:40pm (SCP 1117) Kelly, R.

AMST828P (PermReq) Seminar in American Studies: Ethnicity in American Culture; Grade Method: REG. 3 credits
0101 (01213) M..... 4:00pm- 6:40pm (SCP 1121) Diner, H.

AMST828T (PermReq) Seminar in American Studies: Fashion and Consumer Culture; Grade Method: REG. 3 credits
0101 (01223) W..... 7:00pm- 9:40pm (SCP 1117) Paoletti, J.

AMST839B (PermReq) Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD. Class meets at Smithsonian. Call American Studies Office at 405-1354 for information. 3 credits

0101 (01233) Time and room to be arranged Carson, B.

AMST898 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

AMST799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AMST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ANSC Animal Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ANSC212 Applied Animal Physiology; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 211 or equivalent.* 3 credits
0101 (01338) MWF..... 1:00pm- 1:50pm (ANS 0408) Debarthe, J.

ANSC214 Applied Animal Physiology Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: ANSC 212.* 1 credit
0101 (01348) M..... 2:00pm- 5:00pm (ANS 1144) Lab STAFF
0102 (01349) W..... 2:00pm- 5:00pm (ANS 1144) Lab STAFF
0103 (01350) Th..... 2:00pm- 5:00pm (ANS 1144) Lab STAFF

ANSC222 Meats; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 220. Formerly ANSC 422.* 3 credits
0101 (01360) WF..... 8:00am- 8:50am (JUL 1105) Bailey, E.
Th..... 8:00am-11:00am (ANS 0119) Lab

ANSC240 Dairy Cattle Management; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 220. Credit will be granted for only one of the following: ANSC 240 or ANSC 444. Formerly ANSC 444.* 2 credits
0101 (01370) TuTh..... 8:00am- 8:50am (ANS 0408) Majeskie, J.

ANSC241 Dairy Cattle Management Practicum; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 240. Formerly ANSC 242.* 1 credit
0101 (01380) W.....10:00am-12:00pm (ANS 1150) Lab Majeskie, J.
0102 (01381) W..... 2:00pm- 4:00pm (ANS 1150) Lab Majeskie, J.

Field trips required.

ANSC244 (PermReq) Dairy Cattle Type Appraisal; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* Keep Saturdays open for occasional field trips. Sophomore standing. 1 credit
0101 (01391) Time and room to be arranged Lab Majeskie, J.

ANSC251 Beef and Sheep Management Practicum; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 220. Credit will be granted for only one of the following: ANSC 220 or ANSC 424. Formerly ANSC 424.* 1 credit
0101 (01401) Tu..... 2:00pm- 5:00pm (ANS 1144) Lab Barao, S.

ANSC262 Commercial Poultry Management; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 101.* 3 credits
0101 (01411) MW.....10:00am-10:50am (ANS 0408) Doerr, J.
F.....10:00am-12:00pm (ANS 0408) Lab

ANSC315 Applied Animal Nutrition; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 215. Formerly ANSC 203.* 3 credits
0101 (01421) TuTh..... 1:00pm- 1:50pm (ANS 0402) Erdman, R.
Tu..... 1:30pm- 3:30pm (ANS 0473) Lab

ANSC332 Horse Management; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 230.* Individual practicum sessions of 2 or more hours/week are to be scheduled from 7am-4pm on weekdays. 3 credits
0101 (01431) MW.....10:00am-10:50am (ANS 0402) Deuel, N.
Time and room to be arranged Dis

ANSC350 Ornithology; Grade Method: REG/P-F/AUD. *Three mandatory field trips. Prerequisite: BIOL 105.* 4 credits
0101 (01441) MWF..... 9:00am- 9:50am (ANS 0412) Kuenzel, W.
W..... 2:00pm- 5:00pm (ANS 0412) Lab

ANSC388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

ANSC397 (PermReq) Senior Seminar; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* 1 credit
0101 (01492) M..... 4:00pm- 4:50pm (ANS 0412) Westhoff, D.

ANSC399 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC412 Introduction to Diseases of Animals; Grade Method: REG/P-F/AUD. *Prerequisite: MICB 200 and BIOL 105.* 3 credits
0101 (01543) TuTh.....11:00am-12:15pm (ANS 0408) Hohenhaus, G.

ANSC 414 is now AGRI 314.

ANSC415 Parasitic Diseases of Domestic Animals; Grade Method: REG/P-F/AUD. *Prerequisite: ANSC 412 or equivalent.* 3 credits
0101 (01553) MW.....11:00am-11:50am (ANS 0402) Hohenhaus, G.
Tu..... 9:00am-11:00am (ANS 1144) Lab

ANSC453 Animal Welfare; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. *Prerequisite: ANSC 101 or ZOOL 210 or permission of department.* 3 credits
0101 (01563) MWF.....10:00am-10:50am (ANS 0412) Stricklin, W.

ANSC489 Current Topics in Animal Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC680 Poultry Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

ANSC698A Seminar: Recent Advances in Animal Science; Grade Method: REG/AUD. 1 credit
0101 (01619) W..... 4:00pm- 5:50pm (ANS 0408) Westhoff, D.

ANSC698C Seminar: Recent Advances - Poultry; Grade Method: REG/AUD. 1 credit
0101 (01629) M..... 4:00pm- 5:50pm (ANS 0408) Thomas, O.

ANSC899 (PermReq) Special Problems in Animal Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ANTH Anthropology (Behavioral and Social Sciences)

ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. 3 credits
0101 (01793) TuTh.....12:30pm- 1:45pm (SKN 0200) Williams, A.

ANTH101H Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. 3 credits
0101 (01803) TuTh.....12:30pm- 1:45pm (SKN 0200) Williams, A.
Tu..... 2:00pm- 2:50pm (WDS 1130) Dis

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (01813) MWF.....11:00am-11:50am (SHM 2102) Stuart, W.

ANTH109C Freshman Seminar: Explaining David Koresh and Jim Jones; Grade Method: REG/P-F/AUD. 3 credits
01*1 (01823) M..... 3:00pm- 5:30pm (WDS 1127) Stuart, W.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

ANTH109W Freshman Seminar: Managing Diversity and Rapid Cult Change; Grade Method: REG/P-F/AUD. 3 credits
01*1 (01833) W.....12:00pm- 2:30pm (WDS 0104) Whitehead, T.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

ANTH241 Introduction to Archaeology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (01843) TuTh.....11:00am-12:15pm (WDS 0104) Seidel, J.

ANTH361 Human Evolution and Fossil Man; Grade Method: REG. 3 credits
0101 (01853) TuTh..... 2:00pm- 3:15pm (SCP 1117) STAFF

ANTH371 Introduction to Linguistics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 (01863) MWF.....12:00pm-12:50pm (JMZ 0220) STAFF

ANTH389A (PermReq) Research Problems: Research Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389D (PermReq) Research Problems: AutoCad for Anthropologists; Grade Method: REG. 3 credits
0101 (01890) Time and room to be arranged Pulford, J.

ANTH389G Research Problems: Anthropology of Tourism and Travel; Grade Method: REG. 3 credits
0101 (01900) TuTh..... 2:00pm- 3:15pm (WDS 1114) Chambers, E.

ANTH389N (PermReq) Research Problems: Preserving Maryland's Past: Historic Preservation and Archaeology; Grade Method: REG. 3 credits
0101 (01921) F..... 2:00pm- 4:30pm (WDS 0104) Seidel, J.

ANTH389U (PermReq) Research Problems: Research Problems: Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389X (PermReq) Research Problems: Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH389Y (PermReq) Research Problems: Honor Thesis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. *Prerequisites: ANTH 101, ANTH 102, or ANTH 221.* 3 credits
0101 (01984) TuTh.....11:00am-12:15pm (WDS 1114) Chambers, E.

ANTH426 Ethnology of Middle America; Grade Method: REG/P-F/AUD. *Prerequisites: ANTH 101 and ANTH 102.* 3 credits
0101 (01994) TuTh..... 9:30am-10:45am (WDS 1114) Williams, A.

ANTH451 Archaeology of the New World; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. *Prerequisite: ANTH 101 or ANTH 241.* 3 credits
0101 (02004) TuTh..... 2:00pm- 3:15pm (HJP 2242) Leone, M.

ANTH607 Methods of Cultural Analysis II; Grade Method: REG. 3 credits
0101 (02014) TuTh..... 6:00pm- 8:40pm (SKN 1115) Agar, M.

ANTH620 Strategies for Cultural Understanding; Grade Method: REG. 3 credits
0101 (02024) W..... 6:00pm- 8:40pm (WDS 1131) Whitehead, T.

ANTH689A (PermReq) Special Problems in Anthropology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH689N (PermReq) Special Problems in Anthropology: Historical Archaeology; Grade Method: REG. 3 credits
0101 (02051) F..... 2:00pm- 4:30pm (WDS 0104) Seidel, J.

ANTH701 Internship Preparation; Grade Method: REG/AUD. 3 credits
0101 (02061) M..... 6:00pm- 8:40pm (WDS 1127) STAFF

ANTH705 (PermReq) Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH 701.* 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH 705.* 3 credits

APDS Applied Design (Arts and Humanities)

APDS431 Advanced Problems in Advertising Design; Grade Method: REG. *Prerequisite: APDS 430 or DESN 430. For advertising design majors only.* Attendance on the first day of classes is mandatory. 3 credits
0101 (02154) W.....12:30pm- 1:30pm (MMH 1413) STAFF
M..... 1:00pm- 4:00pm (MMH 1413) Lab

ARCH Architecture (Architecture)

ARCH170 Introduction to the Built Environment; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (02204) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
F.....10:00am-10:50am (ARC 1105) Dis
0102 (02205) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
W.....12:00pm-12:50pm (ARC 1105) Dis
0103 (02206) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
F..... 1:00pm- 1:50pm (ARC 1105) Dis
0104 (02207) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
Th..... 2:00pm- 2:50pm (ARC 1105) Dis
0105 (02208) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
W.....12:00pm-12:50pm (ARC 1103) Dis
0106 (02209) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
F.....12:00pm-12:50pm (ARC 1105) Dis
0107 (02210) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
M.....12:00pm-12:50pm (ARC 1103) Dis
0108 (02211) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
M..... 1:00pm- 1:50pm (ARC 1127) Dis
0109 (02212) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
Tu.....12:30pm- 1:20pm (ARC 1103) Dis
0110 (02213) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
Tu.....12:30pm- 1:20pm (ARC 1105) Dis
0111 (02214) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
W..... 1:00pm- 1:50pm (ARC 1101) Dis
0112 (02215) MW.....10:00am-10:50am (ARC 0204) Francescato, G.
W..... 1:00pm- 1:50pm (ARC 1103) Dis

0201 (02216) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
F..... 1:00pm- 1:50pm (ARC 1103) Dis
0202 (02217) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
W.....12:00pm-12:50pm (ARC 1101) Dis
0203 (02218) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
F..... 1:00pm- 1:50pm (ARC 1101) Dis
0204 (02219) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
W..... 1:00pm- 1:50pm (ARC 1105) Dis
0205 (02220) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
Th.....12:30pm- 1:20pm (ARC 1105) Dis
0206 (02221) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
M..... 1:00pm- 1:50pm (ARC 1125) Dis
0207 (02222) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
M..... 1:00pm- 1:50pm (ARC 1123) Dis
0208 (02223) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
M..... 1:00pm- 1:50pm (ARC 1101) Dis
0209 (02224) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
M..... 1:00pm- 1:50pm (ARC 1103) Dis
0210 (02225) MW.....11:00am-11:50am (ARC 0204) Francescato, G.
Tu.....12:30pm- 1:20pm (ARC 1127) Dis

ARCH221 History of Architecture II; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 220 or permission of department.* 3 credits
0101 (02235) TuTh..... 9:30am-10:45am (ARC 0204) Etlin, R.

ARCH242 Drawing I; Grade Method: REG/P-F/AUD. 2 credits
0101 (02245) F.....10:00am-10:50am (ARC 1101) Lewis, R.
W..... 9:00am-10:50am (ARC 1121) Lab
0102 (02246) F.....10:00am-10:50am (ARC 1101) Lewis, R.
W.....12:00pm- 1:50pm (ARC 1121) Lab
0104 (02248) F.....10:00am-10:50am (ARC 1101) Lewis, R.
Tu..... 7:30pm- 9:20pm (ARC 1121) Lab

ARCH343 (PermReq) Drawing II: Line Drawing; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 400 or permission of department. For ARCH majors only.* 3 credits
0101 (02258) MW.....10:00am-12:00pm (ARC 1103) Gardner, A.

ARCH386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Contact David Fogle for information. 3-6 credits

ARCH401 (PermReq) Architecture Studio II; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 400 with a grade of C or better. For ARCH majors only.* 6 credits
0101 (02290) MWF..... 2:00pm- 6:00pm (ARC 0101) Lab Gardner, A.
MWF..... 2:00pm- 6:00pm (ARC 0204) Dis

ARCH403 (PermReq) Architecture Studio IV; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 402 with a grade of C or better. For ARCH majors only.* 6 credits
0101 (02300) MWF..... 2:00pm- 6:00pm (ARC 1103) Lab Bell, M.
MWF..... 2:00pm- 6:00pm (ARC 1101) Dis

ARCH408 (PermReq) Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ARCH 403 or equivalent. ARCH majors only. Contact S. Sachs for information. 3-6 credits

ARCH411 (PermReq) Technology II; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 410. Corequisite: ARCH 401. For ARCH majors only.* 4 credits
0101 (02332) TuTh..... 9:00am-11:00am (ARC 1105) Jurmala, P.

ARCH418E (PermReq) Selected Topics in Architectural Science: Experimental Architecture; Grade Method: REG/P-F/AUD. 3 credits
0101 (02342) Th..... 3:30pm- 6:30pm (ARC 1121) Bovill, C.

ARCH419 (PermReq) Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information. 1-4 credits

ARCH422 (PermReq) History of Greek Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 220 or permission of department.* 3 credits
0101 (02374) TuTh.....12:30pm- 1:45pm (ARC 1101) Vann, R.

ARCH427 (PermReq) Theories of Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 221 or permission of department. For ARCH majors only.* 3 credits
0101 (02394) M.....10:00am-11:00am (ARC 1123) STAFF
W.....10:00am-12:00pm (ARC 1123)
0102 (02395) M..... 7:00pm-10:00pm (ARC 1101) Bennett, R.

ARCH428C (PermReq) Selected Topics in Architectural History; Grade Method: REG/P-F/AUD. 3 credits
0101 (02405) M..... 7:00pm- 9:00pm (ARC 1127) Hill, J.
F..... 9:00am-10:00am (ARC 1125)

ARCH428D (PermReq) Selected Topics in Architectural History: Roman Architecture; Grade Method: REG/P-F/AUD. 3 credits
0101 (02415) Time and room to be arranged STAFF

ARCH429 (PermReq) Independent Studies in Architectural History; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only. 1-4 credits

ARCH434 (PermReq) History of Modern Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 221 or permission of department.* 3 credits
0101 (02477) TuTh.....11:00am-12:15pm (ARC 1101) Gournay, I.

ARCH436 (PermReq) History of Islamic Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 220 or permission of department.* 3 credits
0101 (02497) TuTh.....11:00am-12:15pm (ARC 1103) Vann, R.

ARCH445 (PermReq) Visual Analysis of Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 401 and ARCH 343, or permission of department.* Majors only. 3 credits
0101 (02507) W..... 9:00am- 9:50am (ARC 1103) Kelly, B.
F..... 9:00am-10:50am (ARC 1103) Dis

ARCH448 (PermReq) Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only. 1-4 credits

ARCH453 (PermReq) Urban Problems Seminar; Grade Method: REG/AUD. *Prerequisite: permission of department.* Majors only. 3 credits
0101 (02539) TuTh..... 3:30pm- 4:45pm (ARC 1123) Fogle, D.

ARCH459 (PermReq) Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. 1-4 credits

ARCH460 (PermReq) Site Analysis and Design; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH majors only or permission of department.* 3 credits
0101 (02571) TuTh..... 5:00pm- 6:15pm (ARC 1105) Nole, D.

ARCH470 (PermReq) Computer Applications in Architecture; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 400 or permission of department.* 3 credits
0101 (02581) W..... 9:00am-10:50am (ARC 1127) Sachs, S.
F..... 9:00am-10:50am (ARC 1127)

ARCH479 (PermReq) Independent Studies in Architecture; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. 1-4 credits

ARCH480 (PermReq) Problems and Methods of Architectural Preservation; Grade Method: REG/P-F/AUD. *Prerequisite: ARCH 420 or permission of department.* Majors only. 3 credits
0101 (02613) TuTh.....12:30pm- 1:45pm (ARC 1125) Fogle, D.

ARCH489 (PermReq) Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. 1-4 credits

ARCH601 (PermReq) Architecture Studio VI; Grade Method: REG/AUD. *Prerequisite: ARCH 600.* 6 credits
0101 (02645) MWF..... 2:00pm- 6:00pm (ARC 1105) Lab Hill, J.
MWF..... 2:00pm- 6:00pm (ARC 1123) Dis

ARCH628A (PermReq) Selected Topics in Architectural History: Modern Italian Architecture 1890-1940; Grade Method: REG. 3 credits
0101 (02655) TuTh.....11:00am-12:15pm (ARC 1125) Etlin, R.

ARCH628B (PermReq) Selected Topics in Architectural History: Seminar on French Baroque; Grade Method: REG/AUD. 3 credits
0101 (02665) Tu..... 4:00pm- 6:30pm (ASY 3217) Gournay, I.

ARCH628R (PermReq) Selected Topics in Architectural History: Roman Architecture for Entertainment; Grade Method: REG/AUD. 3 credits
0101 (02675) Th..... 7:00pm- 9:45pm (ARC 1125) Vann, R.

ARCH654 (PermReq) Urban Development and Design Theory; Grade Method: REG/AUD. *Prerequisite: permission of instructor.* 3 credits
0101 (02685) MWF.....11:00am-11:50am (ARC 1101) Dupuy, K.

ARCH678 (PermReq) Selected Topics in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only. 1-6 credits

ARCH679 (PermReq) Independent Studies in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. ARCH majors only. 1-6 credits

ARCH700 (PermReq) Architecture Studio VII; Grade Method: REG/AUD. *Prerequisite: ARCH 601.* 6 credits
0101 (02739) MWF..... 2:00pm- 6:00pm (ARC 0102) STAFF
MWF..... 2:00pm- 6:00pm (ARC 1127) Dis

ARCH797 (PermReq) Thesis Proseminar; Grade Method: REG/AUD. *Prerequisite: ARCH 601.* 3 credits
0101 (02749) W.....12:00pm- 1:00pm (ARC 1123) STAFF
F.....12:00pm- 2:00pm (ARC 1125)
Tu..... 7:00pm-10:00pm (ARC 1101)

ARCH798 (PermReq) Thesis in Architecture; Grade Method: REG. 3 credits
0101 (02759) Time and room to be arranged Dupuy, K.

ARCH799 Master's Thesis Research; Grade Method: REG. ARCH majors only. 1-6 credits
0101 (02769) MWF..... 2:00pm- 6:00pm (ARC 0101) Lab STAFF
MWF..... 2:00pm- 6:00pm (ARC 1125) Dis

AREC Agriculture and Resource Economics (Agriculture)

AREC250 Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. 3 credits
0101 (02819) TuTh.....11:00am-12:15pm (ARM 0131) McConnell, K.

AREC306 Farm Management; Grade Method: REG/P-F/AUD. 3 credits
0101 (02829) MW..... 3:30pm- 4:45pm (HJP 0226) Hanson, J.

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 (02839) MWF.....11:00am-11:50am (HJP 0226) Moore, J.

AREC386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

AREC399 Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

AREC404 Prices of Agricultural Products; Grade Method: REG/P-F/AUD. *Prerequisite: ECON 306.* 3 credits
0101 (02876) TuTh..... 9:30am-10:45am (SYM 2109) Hardie, I.

AREC405 Economics of Agricultural Production; Grade Method: REG/P-F/AUD. *Prerequisite: ECON 306 and MATH 220.* 3 credits
0101 (02886) TuTh..... 2:00pm- 3:30pm (JMZ 3205) Chambers, R.

AREC407 Agricultural Finance; Grade Method: REG/P-F/AUD. *Prerequisite: AREC 250.* 3 credits
0101 (02896) TuTh.....11:00am-12:15pm (SYM 2109) Leathers, H.

AREC427 Economics of Agricultural Marketing Systems; Grade Method: REG/P-F/AUD. *Prerequisite: AREC 250.* 3 credits
0101 (02906) MWF..... 2:00pm- 3:00pm (HZF 1102) Gardner, B.

AREC432 Introduction to Natural Resources Policy; Grade Method: REG/P-F/AUD. 3 credits
0101 (02916) MW..... 2:00pm- 3:15pm (SYM 0200) Olson, L.

AREC489E Special Topics in Agricultural and Resources Economics: Agricultural Applications of Mathematical Programming; Grade Method: REG/P-F/AUD. 3 credits
0101 (02926) MW..... 3:30pm- 4:45pm (HZF 1108) Hardie, I.

AREC810 Microeconomic Applications in Agricultural and Resource Markets; Grade Method: REG/AUD. *Prerequisite: ECON 603.* 3 credits
0101 (02936) TuTh.....11:00am-12:15pm (HBK 1112) Gardner, B.

AREC824 Applied Econometrics II; Grade Method: REG/AUD. 4 credits
0101 (02946) MWF..... 9:00am-10:30am (SYM 2109) Nerlove, M.

AREC832 Agricultural Policy Analysis; Grade Method: REG/AUD. *Credit will be granted for only one of the following: AREC 632 or AREC 832.* 3 credits
0101 (02956) TuTh..... 9:00am-10:15am (HBK 1112) Leathers, H.

AREC889K Special Topics in Agricultural and Resource Economics: The Economics of Conservation Biology; Grade Method: REG/AUD. 3 credits
0101 (02966) Tu..... 3:45pm- 5:00pm (HBK 1112) McConnell, K.
Th..... 2:00pm- 3:30pm (HZF 1101)

AREC899 (PermReq) Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

AREC753 Economics of Renewable Natural Resources; Grade Method: REG/AUD. *Prerequisite: AREC 610; and AREC 620; or permission of department.* 3 credits
0101 (02995) MW.....11:00am-12:15pm (SYM 2109) Olson, L.

AREC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AREC832 Advanced Agricultural Policy Analysis; Grade Method: REG/AUD. *Credit will be granted for only one of the following: AREC 632 or AREC 832.* 3 credits
0101 (03025) TuTh..... 9:00am-10:15am (HBK 1112) Leathers, H.

AREC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ARHU Arts and Humanities (Arts and Humanities)

ARHU309 (PermReq) Forms and Forces of Human Experience: An Interdisciplinary Exploration: Leadership in Organizations; Grade Method: REG/P-F/AUD. Enrollment by permission of Arts and Humanities Dean. 3 credits
0101 (03102) M..... 2:00pm- 4:30pm (KEY 0120) Napolitano, C.

ARHU386 (PermReq) Experiential Learning; Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Open to literacy interns only. 3-6 credits
0101 (03112) Time and room to be arranged Follensbee, B.

ARSC Air Science (Special Programs)

ARSC101 The Air Force Today II; Grade Method: REG. An elective, but required for those freshmen desiring the four-year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. All cadets are required to attend the corps assembly on Jan 20 from 0730-0850, in ARM 0135. The rest of the semester, cadets will meet at 0715 on Thursdays for lab. 1 credit
0101 (03162) Th.....10:00am-10:50am (COL 3112) STAFF
Th..... 7:15am- 8:50am (ARM 1122) Lab
0111 (03163) Th.....10:00am-10:50am (COL 3112) STAFF
Th..... 6:15am- 7:50am (ARM 1122) Lab
0201 (03164) Th..... 2:00pm- 2:50pm (COL 3111) STAFF
Th..... 7:15am- 8:50am (ARM 1122) Lab
0211 (03165) Th..... 2:00pm- 2:50pm (COL 3111) STAFF
Th..... 6:15am- 7:50am (ARM 1122) Lab

ARSC201 The Development of Air Power II; Grade Method: REG. An elective, but required for sophomores desiring the four-year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. All cadets are required to attend the corps assembly on Jan 20 from 0730-0850, in ARM 0135. The rest of the semester, cadets will meet at 0715 on Thursdays for lab. 1 credit
0101 (03175) Th.....10:00am-10:50am (COL 3114) Overbey, W.
Th..... 7:15am- 8:50am (ARM 1122) Lab
0111 (03176) Th.....10:00am-10:50am (COL 3114) Overbey, W.
Th..... 6:15am- 7:50am (ARM 1122) Lab
0201 (03177) Th..... 2:00pm- 2:50pm (COL 3114) Overbey, W.
Th..... 7:15am- 8:50am (ARM 1122) Lab
0211 (03178) Th..... 2:00pm- 2:50pm (COL 3114) Overbey, W.
Th..... 6:15am- 7:50am (ARM 1122) Lab

ARSC311 Management and Leadership II; Grade Method: REG. Consists of 3 lecture hours and one corps training (lab) period each week. Required for all juniors in AFROTC and open to University students (without lab) as elective. All cadets are required to attend the corps assembly on Jan 20 from 0730-0850, in ARM 0135. The rest of the semester, cadets will meet at 0715 on Thursdays for lab. 3 credits
0101 (03186) TuTh..... 2:00pm- 3:15pm (COL 3110) Miller, R.
Th..... 7:15am- 8:50am (COL 3109) Lab
0111 (03189) TuTh..... 2:00pm- 3:15pm (COL 3110) Miller, R.
Th..... 6:15am- 7:50am (COL 3109) Lab
0201 (03190) Th..... 9:00am-11:30am (COL 3110) Miller, R.
Th..... 7:15am- 8:50am (COL 3109) Lab
0211 (03191) Th..... 9:00am-11:30am (COL 3110) Miller, R.
Th..... 6:15am- 7:50am (COL 3109) Lab

ARSC321 National Security Forces in Contemporary American Society II; Grade Method: REG. Consists of 3 lecture hours and one corps training (lab) period each week. Required for all seniors in AFROTC and open to University students (without lab) as elective. All cadets are required to attend the assembly on Jan 20 from 0730-0850, in ARM 0135. The rest of the semester, cadets will meet at 0715 on Thursdays for lab. 3 credits
0101 (03201) Th..... 9:30am-12:00pm (COL 3121) Rensler, K.
Th..... 7:15am- 8:50am (COL 3109) Lab
0111 (03202) Th..... 9:30am-12:00pm (COL 3121) Rensler, K.

0201 (03203) Th..... 6:15am- 7:50am (COL 3109) Lab
TBA (COL 3121) Rensler, K.
TBA (COL 3109) Lab
Instructor approval required to take this section.

ARTH Art History & Archaeology (Arts and Humanities)

ARTH200 Art of the Western World I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. *Formerly ARTH 260.* — 3 credits
0101 (03253) TuTh..... 9:30am-10:20am (ASY 2203) Venit, M.
Tu..... 8:00am- 8:50am (ASY 3215) Dis
0102 (03254) TuTh..... 9:30am-10:20am (ASY 2203) Venit, M.
Th..... 8:00am- 8:50am (ASY 3215) Dis
0103 (03255) TuTh..... 9:30am-10:20am (ASY 2203) Venit, M.
Tu.....11:00am-11:50am (ASY 3219) Dis
0104 (03256) TuTh..... 9:30am-10:20am (ASY 2203) Venit, M.
Th.....11:00am-11:50am (ASY 3219) Dis
0105 (03257) TuTh..... 9:30am-10:20am (ASY 2203) Venit, M.
W..... 8:00am- 8:50am (ASY 3211) Dis
0106 (03258) TuTh..... 9:30am-10:20am (ASY 2203) Venit, M.
W..... 9:00am- 9:50am (ASY 3211) Dis

ARTH201 Art of the Western World II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. *Formerly ARTH 261.* — 3 credits
0101 (03268) MW..... 9:00am- 9:50am (ASY 2203) Sharp, J.
M.....10:00am-10:50am (ASY 3215) Dis
0102 (03269) MW..... 9:00am- 9:50am (ASY 2203) Sharp, J.
M.....11:00am-11:50am (ASY 3215) Dis
0103 (03270) MW..... 9:00am- 9:50am (ASY 2203) Sharp, J.
W.....10:00am-10:50am (ASY 3215) Dis
0104 (03271) MW..... 9:00am- 9:50am (ASY 2203) Sharp, J.
W.....11:00am-11:50am (ASY 3215) Dis
0201 (03272) MW.....11:00am-11:50am (ASY 2203) Echols, R.
M..... 8:00am- 8:50am (ASY 3211) Dis
0202 (03273) MW.....11:00am-11:50am (ASY 2203) Echols, R.
M..... 9:00am- 9:50am (ASY 3211) Dis
0203 (03274) MW.....11:00am-11:50am (ASY 2203) Echols, R.
M.....10:00am-10:50am (ASY 3211) Dis
0204 (03275) MW.....11:00am-11:50am (ASY 2203) Echols, R.
W..... 8:00am- 8:50am (ASY 3219) Dis
0205 (03276) MW.....11:00am-11:50am (ASY 2203) Echols, R.
W..... 9:00am- 9:50am (ASY 3215) Dis
0206 (03277) MW.....11:00am-11:50am (ASY 2203) Echols, R.
W.....10:00am-10:50am (ASY 3211) Dis

ARTH275 Art of Africa; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. *Formerly ARTH 284.* — 3 credits
0101 (03287) MW.....10:00am-10:50am (ASY 2203) Eyo, E.
M.....11:00am-11:50am (ASY 3211) Dis
0102 (03288) MW.....10:00am-10:50am (ASY 2203) Eyo, E.
W.....11:00am-11:50am (ASY 3211) Dis
0103 (03289) MW.....10:00am-10:50am (ASY 2203) Eyo, E.
M..... 9:00am- 9:50am (ASY 3215) Dis
0104 (03290) MW.....10:00am-10:50am (ASY 2203) Eyo, E.
W..... 8:00am- 8:50am (ASY 3215) Dis

ARTH290 Art of Asia; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. *Formerly ARTH 262.* — 3 credits
0101 (03300) TuTh.....11:00am-11:50am (ASY 2203) Sandler, M.
Tu..... 9:00am- 9:50am (ASY 3219) Dis
0102 (03301) TuTh.....11:00am-11:50am (ASY 2203) Sandler, M.
Tu.....10:00am-10:50am (ASY 3219) Dis
0103 (03302) TuTh.....11:00am-11:50am (ASY 2203) Sandler, M.
Th..... 9:00am- 9:50am (ASY 3219) Dis
0104 (03303) TuTh.....11:00am-11:50am (ASY 2203) Sandler, M.
Th.....10:00am-10:50am (ASY 3219) Dis
0105 (03304) TuTh.....11:00am-11:50am (ASY 2203) Sandler, M.
W..... 9:00am- 9:50am (ASY 3219) Dis
0106 (03305) TuTh.....11:00am-11:50am (ASY 2203) Sandler, M.
W.....10:00am-10:50am (ASY 3219) Dis

ARTH378 (PermReq) Special Topics for Honors Students; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTH379 (PermReq) Honors Thesis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 3-6 credits

ARTH386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

ARTH406 Byzantine Art; Grade Method: REG/P-F/AUD. *Formerly ARTH 411.* — 3 credits
0101 (03335) TuTh..... 9:30am-10:45am (ASY 3211) Spiro, M.

ARTH411 Gothic Art; Grade Method: REG/P-F/AUD. *Formerly ARTH 413.* — 3 credits
0101 (03345) TuTh.....11:00am-12:15pm (ASY 3211) Denny, D.

ARTH415 Italian Renaissance Art; Grade Method: REG/P-F/AUD. *Formerly ARTH 424.* — 3 credits
0101 (03355) Tu..... 2:00pm- 4:45pm (ASY 3219) Lewis, D.

ARTH418 Special Problems in Italian Renaissance Art; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03365) MWF..... 2:00pm- 2:50pm (ASY 3215) Echols, R.

ARTH446 Nineteenth-Century European Art from 1850; Grade Method: REG/P-F/AUD. *Formerly ARTH 441.* — 3 credits
0101 (03375) TuTh..... 2:00pm- 3:15pm (ASY 3215) Hargrove, J.

ARTH471 Latin American Art and Archaeology after 1500; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03385) TuTh..... 9:30am-10:45am (ASY 3215) Miller, A.

ARTH489A Special Topics in Art History; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03395) TuTh.....11:00am-12:15pm (ASY 3215) Hargrove, J.

ARTH489B Special Topics in Art History: Mosaics and Architectural Decorations; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03405) TuTh.....12:30pm- 1:45pm (ASY 3211) Spiro, M.

ARTH489C Special Topics in Art History: Romanesque Sculpture; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03415) TuTh..... 2:00pm- 3:15pm (ASY 3211) Denny, D.

ARTH489D Special Topics in Art History: Korean Art; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03425) W..... 3:00pm- 5:45pm (ASY 3215) Sandler, M.

ARTH489E (PermReq) Special Topics in Art History: History of Islamic Architecture; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03435) TuTh.....11:00am-12:15pm (ARC 1103) Vann, R.

ARTH489F (PermReq) Special Topics in Art History: History of Greek Architecture; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03445) TuTh.....12:30pm- 1:45pm (ARC 1101) Vann, R.

ARTH489G (PermReq) Special Topics in Art History: Roman Architecture; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03455) Time and room to be arranged STAFF

ARTH489I (PermReq) Special Topics in Art History: History of Modern Architecture; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03465) TuTh.....11:00am-12:15pm (ARC 1101) Gournay, I.

ARTH490 Chinese Painting; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. — 3 credits
0101 (03486) TuTh.....12:30pm- 1:45pm (ASY 3215) Kuo, J.

ARTH498 (PermReq) Directed Studies in Art History I; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH499 (PermReq) Directed Studies in Art History II; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH628 Studies in Fourteenth and Fifteenth Century Northern European Art; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03539) Th..... 1:00pm- 3:40pm (ASY 4304) Caswell, J.

ARTH638 Studies in Seventeenth-Century Southern European Art: Seminar on French Baroque; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03549) Tu..... 4:00pm- 6:30pm (ASY 3217) Colantuono, A.

ARTH639 Studies in Seventeenth-Century Northern European Art; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03559) M..... 4:00pm- 6:40pm (ASY 4304) Wheelock, A.

ARTH648 Studies in Eighteenth-Century European Art; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03569) W..... 4:00pm- 6:40pm (ASY 4304) Pressly, W.

ARTH658 Studies in American Art; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03579) Th..... 4:00pm- 6:40pm (ASY 4304) Kelly, F.

ARTH659 Studies in Twentieth-Century Art; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03589) M..... 1:00pm- 3:40pm (ASY 4304) Sharp, J.

ARTH689A Selected Topics in Art History: Modern Italian Architecture 1890-1940; Grade Method: REG. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03599) TuTh.....11:00am-12:15pm (ARC 1125) Etlin, R.

ARTH689C Selected Topics in Art History: Roman Architecture for Entertainment; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03609) Th..... 7:00pm- 9:45pm (ARC 1125) Vann, R.

ARTH708 Seminar in Ancient Art and Archaeology; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03619) Tu..... 1:00pm- 3:40pm (ASY 4304) Venit, M.

ARTH768 Seminar in Latin American Art and Archaeology; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03629) Tu..... 4:00pm- 6:40pm (ASY 4304) Miller, A.

ARTH769 Seminar in African Art; Grade Method: REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits
0101 (03639) M..... 7:00pm- 9:40pm (ASY 4304) Eyo, E.

ARTH798 Directed Graduate Studies in Art History; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 3 credits

ARTH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 1-6 credits

ARTH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required. — 1-6 credits

ARTT Art Studio (Arts and Humanities)

ARTT100 Elements of Two-Dimensional Form and Space; Grade Method: REG/P-F/AUD. *Formerly ARTS 100.* — 3 credits
0101 (03759) TuTh..... 4:00pm- 6:00pm (ASY 2314) Lab Sham, F.
0201 (03760) TuTh..... 4:00pm- 6:00pm (ASY 2318) Lab Sham, F.
0301 (03761) MW..... 3:00pm- 5:00pm (ASY 2314) Lab Demonte, C.
0401 (03762) MW..... 3:00pm- 5:00pm (ASY 2318) Lab Demonte, C.
0501 (03763) TuTh..... 9:00am-11:00am (ASY 2314) Lab Demonte, C.
0601 (03764) TuTh..... 9:00am-11:00am (ASY 2318) Lab Demonte, C.
0701 (03765) TuTh.....12:30pm- 2:30pm (ASY 2314) Lab Lapinski, T.
0801 (03766) TuTh.....12:30pm- 2:30pm (ASY 2318) Lab Lapinski, T.

ARTT110 Elements of Drawing I; Grade Method: REG/P-F/AUD. *Formerly ARTS 110.* — 3 credits
0101 (03776) MW.....12:00pm- 2:30pm (ASY 2317) Lab Thorpe, J.
0201 (03777) MW.....12:00pm- 2:30pm (ASY 2321) Lab Thorpe, J.
0301 (03778) TuTh.....12:30pm- 3:00pm (ASY 2321) Lab Kehoe, P.
0401 (03779) TuTh.....12:30pm- 3:00pm (ASY 2317) Lab Kehoe, P.
0501 (03780) TuTh..... 9:00am-11:30am (ASY 2317) Lab Niese, H.
0601 (03781) TuTh..... 9:00am-11:30am (ASY 2321) Lab Niese, H.
0701 (03782) MW..... 5:00pm- 5:30pm (ASY 2317) Lab Humphrey, M.
0801 (03783) MW..... 5:00pm- 5:30pm (ASY 2321) Lab Humphrey, M.

ARTT150 Introduction to Art Theory; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. — 3 credits
0101 (03793) MW..... 1:00pm- 1:50pm (ASY 2309) Klank, R.
W..... 2:00pm- 2:50pm (ASY 1309) Dis
0102 (03794) MW..... 1:00pm- 1:50pm (ASY 2309) Klank, R.
F..... 1:00pm- 1:50pm (ASY 1309) Dis
0103 (03795) MW..... 1:00pm- 1:50pm (ASY 2309) Klank, R.
F..... 2:00pm- 2:50pm (ASY 1309) Dis
0201 (03796) TuTh..... 4:00pm- 4:50pm (ASY 2309) STAFF
Tu..... 5:00pm- 5:50pm (ASY 1309) Dis
0202 (03797) TuTh..... 4:00pm- 4:50pm (ASY 2309) STAFF
W..... 4:00pm- 4:50pm (ASY 1309) Dis
0203 (03798) TuTh..... 4:00pm- 4:50pm (ASY 2309) STAFF
W..... 5:00pm- 5:50pm (ASY 1309) Dis

ARTT200 Elements of Three-Dimensional Form and Space; Grade Method: REG/P-F/AUD. *Prerequisite: ARTT 100. Formerly ARTS 200.* — 3 credits
0101 (03808) TuTh..... 3:00pm- 5:30pm (ASY 1311) Lab McCarty, J.
0201 (03809) TuTh.....10:00am-12:30pm (ASY 1311) Lab Sham, F.
0301 (03810) TuTh.....12:30pm- 3:00pm (ASY 1310) Lab STAFF

ARTT208F Intermediate Special Topics in Art: Photography; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03820) Tu..... 1:00pm- 2:00pm (MMH 0401) STAFF
Th..... 1:00pm- 4:00pm (MMH 0401) Lab

ARTT210 Elements of Drawing II; Grade Method: REG/P-F/AUD. *Prerequisite: ARTT 110. Formerly ARTS 210.* — 3 credits
0101 (03830) TuTh..... 9:00am-11:30am (ASY 2315) Lab Craig, P.
0201 (03831) TuTh..... 3:00pm- 5:30pm (ASY 2315) Lab STAFF
0301 (03832) MW..... 9:00am-11:30am (ASY 2315) Lab STAFF
0401 (03833) MW.....12:30pm- 3:00pm (ASY 2322) Lab Driskell, D.

ARTT320 Elements of Painting; Grade Method: REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 320.* Section 0401 focuses on watercolor. — 3 credits
0101 (03843) MW..... 9:00am-11:30am (ASY 3318) Lab Klank, R.
0301 (03844) TuTh..... 9:00am-11:30am (ASY 3312) Lab Richardson, W.
0401 (03845) TuTh..... 9:00am-11:30am (ASY 3316) Lab Richardson, W.
0501 (03846) MW..... 3:00pm- 5:00pm (ASY 3318) Lab Gelman, E.
0601 (03847) MW..... 3:00pm- 5:00pm (ASY 3322) Lab Gelman, E.

ARTT330 Elements of Sculpture: Metal Casting; Grade Method: REG/P-F/AUD. *Prerequisites: ARTT 200, and ARTT 210. Formerly ARTS 330.* — 3 credits
0101 (03859) MW.....12:30pm- 3:00pm (ASY 1310) Lab Ruppert, J.

ARTT331 Elements of Sculpture: Steel; Grade Method: REG/P-F/AUD. *Prerequisites: ARTT 200, and ARTT 210.* — 3 credits
0101 (03869) MW..... 3:00pm- 5:30pm (ASY 1314) Lab Ruppert, J.

ARTT332 Elements of Sculpture: Stone; Grade Method: REG/P-F/AUD. *Prerequisites: ARTT 200, and ARTT 210. Formerly ARTT 335.* — 3 credits
0101 (03879) TuTh.....12:30pm- 3:00pm (ASY 1314) Lab McCarty, J.

ARTT333 Elements of Sculpture: Wood and Mixed Media; Grade Method: REG/P-F/AUD. *Prerequisites: ARTT 200, and ARTT 210.* — 3 credits
0101 (03889) TuTh.....12:30pm- 3:00pm (ASY 1311) Lab Sham, F.

ARTT340 Elements of Printmaking: Intaglio; Grade Method: REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 340.* — 3 credits
0101 (03899) MW..... 9:00am-11:30am (ASY 1317) Lab Pogue, S.

ARTT341 Elements of Printmaking: Woodcut and Relief; Grade Method: REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 341.* — 3 credits
0101 (03909) TuTh.....12:00pm- 2:30pm (ASY 1317) Forbes, J.
0201 (03910) TuTh..... 3:30pm- 6:00pm (ASY 1317) Forbes, J.

ARTT344 Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 344.* — 3 credits
0101 (03920) MW.....12:30pm- 3:00pm (ASY 1317) Lab Humphrey, M.

ARTT386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

ARTT418 Drawing; Grade Method: REG/P-F/AUD. Repeatable for up to 12 credits. — 3 credits
0101 (03951) MW..... 9:30am-12:00pm (ASY 2322) Lab Humphrey, M.

ARTT418B Drawing: Contemporary Approach to Drawing; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03962) MW..... 9:30am-12:00pm (ASY 3304) Lab Ruppert, J.

ARTT418C Drawing: Works on Paper/Water Based Media; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03972) TuTh..... 9:00am-11:30am (ASY 3304) Lab Lapinski, T.

ARTT418D Drawing: Figure Study; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03982) MW.....12:00pm- 2:30pm (ASY 2315) Lab Gelman, E.

ARTT428 Painting; Grade Method: REG/P-F/AUD. — 3 credits
0101 (03992) MW..... 9:00am-11:30am (ASY 3318) Lab Klank, R.
0201 (03993) TuTh..... 3:00pm- 5:30pm (ASY 3316) Lab Kehoe, P.
0301 (03994) TuTh.....12:00pm- 2:30pm (ASY 3316) Lab Craig, P.
0401 (03995) TuTh.....12:00pm- 2:30pm (ASY 3316) Lab Craig, P.

ARTT438A (PermReq) Sculpture: Bronze Casting; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04005) MW.....12:30pm- 3:00pm (ASY 1310) Lab Ruppert, J.

ARTT438B (PermReq) Sculpture: Advanced Stone Sculpture; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04015) TuTh.....12:30pm- 3:00pm (ASY 1314) Lab McCarty, J.

ARTT438C (PermReq) Sculpture: Advanced Steel Sculpture; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04025) MW..... 3:00pm- 5:30pm (ASY 1314) Lab Ruppert, J.

ARTT438D (PermReq) Sculpture: Advanced Wood/Mixed Media Construction; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04035) TuTh.....12:30pm- 3:00pm (ASY 1311) Lab Sham, F.

ARTT448A Printmaking: Advanced Intaglio; Grade Method: REG/P-F/AUD. Course content includes advanced intaglio, monoprints and woodcuts. — 3 credits
0101 (04045) MW..... 9:00am-11:30am (ASY 1317) Pogue, S.

ARTT448B Printmaking: Advanced Lithography; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04055) MW.....12:30pm- 3:00pm (ASY 3304) Lab Humphrey, M.

ARTT460 Seminar in Art Theory; Grade Method: REG/P-F/AUD. *Senior standing.* — 3 credits
0101 (04065) TuTh..... 9:00am-11:30am (ASY 1309) STAFF

ARTT462 Artist's Survival Seminar; Grade Method: REG/P-F/AUD. *Prerequisite: senior standing or permission of department.* — 3 credits
0101 (04075) Th.....12:00pm- 2:30pm (ASY 3304) Demonte, C.

ARTT463 Principles and Theory: African-American Art; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. *Not open to students who have completed ARTH 474. Formerly ARTH 474.* — 3 credits
0101 (04085) MW..... 3:00pm- 4:15pm (ASY 3304) Driskell, D.

ARTT468 Seminar on the Interrelationship between Art and Art Theory; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04095) F..... 9:00am-11:30am (ASY 2322) Truitt, A.

ARTT468A Seminar on the Interrelationship between Art and Art Theory: Issues in Contemporary Art; Grade Method: REG/P-F/AUD. — 3 credits
0101 (04105) MW..... 1:00pm- 1:50pm (ASY 3211) Klank, R.
M..... 2:00pm- 3:00pm (ASY 3304) Dis

ARTT498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. — 2-3 credits

ARTT610 Drawing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Formerly ARTS 610.* — 3 credits

ARTT620 Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Formerly ARTS 620.* — 3 credits

ARTT630 Experimentation in Sculpture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Formerly ARTS 630.* Advanced special students require permission of department. — 3 credits

ARTT634 Experimentation in Sculpture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Formerly ARTS 634.* — 3 credits

ARTT644 Printmaking; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Formerly ARTS 644.* Advanced special students require permission of the department. — 3 credits

ARTT646 Printmaking; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Formerly ARTS 646.* — 3 credits

ARTT689A Special Problems in Studio Art: Artists Survival Seminar; Grade Method: REG/AUD. — 3 credits
0101 (04220) Th.....12:00pm- 2:30pm (ASY 3304) Demonte, C.

ARTT689B Special Problems in Studio Art: Seminar on the Interrelationship between Art and Art Theory; Grade Method: REG/AUD. — 3 credits
0101 (04230) F..... 9:00am-11:30am (ASY 2322) Truitt, A.

ARTT898 (PermReq) — Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTT798 (PermReq) — Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTT799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR Astronomy (Computer, Mathematical and Physical Sciences)

ASTR100 — Introduction to Astronomy; Grade Method: REG/P-F/AUD. *Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 150 or higher.* CORE Distributive Studies Physical Science Non-Lab Course. CORE Distributive Studies Physical Science Laboratory Course when taken concurrently with ASTR 110 or ASTR 111. USP Distributive Studies Area B Course. If ASTR 110 or ASTR 111 are taken at the same or at a later time, the combination may be counted as USP Area B lab science requirement. Discussion sections do not meet the first week. Attend lecture before coming to discussion section. — 3 credits

0101 (04352) TuTh..... 9:30am-10:45am (PHY 1412) — Stone, J.
M..... 9:00am- 9:50am (CSS 1113) Dis
0102 (04353) TuTh..... 9:30am-10:45am (PHY 1412) — Stone, J.
M.....11:00am-11:50am (CSS 1113) Dis
0103 (04354) TuTh..... 9:30am-10:45am (PHY 1412) — Stone, J.
W..... 9:00am- 9:50am (CSS 1113) Dis
0104 (04355) TuTh..... 9:30am-10:45am (PHY 1412) — Stone, J.
W.....11:00am-11:50am (CSS 1113) Dis
0105 (04356) TuTh..... 9:30am-10:45am (PHY 1412) — Stone, J.
F.....11:00am-11:50am (CSS 1113) Dis
0106 (04357) TuTh..... 9:30am-10:45am (PHY 1412) — Stone, J.
F.....12:00pm-12:50pm (CSS 1113) Dis
0107 (04358) TuTh..... 9:30am-10:45am (PHY 1412) — Stone, J.
F..... 1:00pm- 1:50pm (CSS 1113) Dis
0201 (04359) MWF..... 9:00am- 9:50am (PHY 1412) — Deming, G.
M.....12:00pm-12:50pm (CSS 1113) Dis
0202 (04360) MWF..... 9:00am- 9:50am (PHY 1412) — Deming, G.
M..... 1:00pm- 1:50pm (CSS 1113) Dis
0203 (04361) MWF..... 9:00am- 9:50am (PHY 1412) — Deming, G.
M..... 3:00pm- 3:50pm (CSS 1113) Dis
0204 (04362) MWF..... 9:00am- 9:50am (PHY 1412) — Deming, G.
W.....10:00am-10:50am (CSS 1113) Dis
0205 (04363) MWF..... 9:00am- 9:50am (PHY 1412) — Deming, G.
W..... 1:00pm- 1:50pm (CSS 1113) Dis
0206 (04364) MWF..... 9:00am- 9:50am (PHY 1412) — Deming, G.
F.....10:00am-10:50am (CSS 1113) Dis

ASTR101 — General Astronomy; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Not open to students who have completed ASTR 100 or any astronomy course numbered higher than 100.* Discussion sections do not meet the first week of classes. Attend lecture before coming to discussion section. — 4 credits

0101 (04374) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
W..... 8:00am-10:00am (CSS 1109) Lab
Tu..... 3:30pm- 4:20pm (CSS 1113) Dis
0102 (04375) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
W.....10:30am-12:30pm (CSS 1109) Lab
Tu..... 3:30pm- 4:20pm (CSS 1113) Dis
0103 (04376) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
W..... 6:00pm- 8:00pm (CSS 1109) Lab
W.....12:00pm-12:50pm (CSS 1113) Dis
0104 (04377) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
W..... 1:00pm- 3:00pm (CSS 1109) Lab
W.....12:00pm-12:50pm (CSS 1113) Dis
0105 (04378) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
Th..... 8:00am-10:00am (CSS 1109) Lab
W..... 3:00pm- 3:50pm (CSS 1113) Dis
0106 (04379) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
Th..... 3:30pm- 5:30pm (CSS 1109) Lab
W..... 3:00pm- 3:50pm (CSS 1113) Dis
0107 (04380) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
Th..... 6:00pm- 8:00pm (CSS 1109) Lab
Th..... 5:30pm- 4:20pm (CSS 1113) Dis
0108 (04381) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
F..... 8:00am-10:00am (CSS 1109) Lab
Th..... 3:30pm- 4:20pm (CSS 1113) Dis
0109 (04382) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
F.....10:30am-12:30pm (CSS 1109) Lab
F..... 9:00am- 9:50am (CSS 1113) Dis
0110 (04383) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
F..... 1:00pm- 3:00pm (CSS 1109) Lab
F..... 9:00am- 9:50am (CSS 1113) Dis
0111 (04384) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
M.....11:00am- 1:00pm (CSS 1109) Lab
M.....10:00am-10:50am (CSS 1113) Dis
0112 (04385) TuTh.....11:00am-12:15pm (PHY 1412) — Mundy, L.
M..... 1:30pm- 3:30pm (CSS 1109) Lab
M.....10:00am-10:50am (CSS 1113) Dis

ASTR111 — Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD. *Corequisite: ASTR 100.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 100. First meeting is week of Jan. 18 in CSS 1109. Class normally meets at Astronomy Lecture Building. — 1 credit

0101 (04395) Tu..... 7:30pm- 9:30pm (ALB 1101) Lab — STAFF
0201 (04396) W..... 7:30pm- 9:30pm (ALB 1101) Lab — STAFF

ASTR195 — Astronomy in Modern World; Grade Method: REG/P-F/AUD. — 1 credit

01*1 (04406) Tu..... 4:00pm- 6:00pm (CSS 2352) — Deming, G.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

ASTR200 — Introductory Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. *Prerequisite: PHYS 161 or PHYS 171. Credit will be granted for only one of the following: ASTR 100 or ASTR 200.* — 3 credits

0101 (04416) TuTh..... 2:00pm- 3:15pm (CSS 0201) — Matthews, T.

ASTR288 (PermReq) — Special Projects in Astronomy; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. — 1-3 credits

ASTR300 — Stars and Stellar Systems; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: ASTR 100 and completion of University Studies requirement in the natural sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing. — 3 credits

0101 (04445) TuTh.....11:00am-12:15pm (CSS 1113) — Theison, D.

ASTR330 — Solar-System Astronomy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department.* Designed primarily for non-physical science majors. Junior standing. — 3 credits

0101 (04455) TuTh..... 9:30am-10:45am (CSS 1113) — Grayzeck, E.

ASTR340 — Galaxies and the Universe; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department.* Designed primarily for non-physical science majors. Junior standing. — 3 credits

0101 (04465) TuTh.....12:30pm- 1:45pm (CSS 1113) — Deming, G.

ASTR350 — Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisites: ASTR 200 and (PHYS 272 or PHYS 262 or PHYS 142) or permission of department. Corequisite: PHYS 293 or PHYS 263.* Recommended for science majors only. — 4 credits

0101 (04475) TuTh.....11:00am-12:15pm (CSS 0201) — Vogel, S.
W.....10:00am-10:50am (CSS 0201) Dis

ASTR380 — Life in the Universe; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department.* Designed primarily for non-physical science majors. Junior standing. — 3 credits

0101 (04485) TuTh..... 2:00pm- 3:15pm (CSS 1113) — Theison, D.

ASTR399 — Honors Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ASTR400 — Stellar Astrophysics; Grade Method: REG/P-F/AUD. *Prerequisite: ASTR 350. Corequisite: PHYS 420 or PHYS 421.* — 3 credits

0101 (04516) MWF.....11:00am-11:50am (CSS 0201) — Earl, J.

ASTR410 — Radio Astronomy Techniques; Grade Method: REG/P-F/AUD. *Prerequisites: PHYS 273 and PHYS 276 or PHYS 263 and PHYS 263A or permission of department.* — 3 credits

0101 (04526) TuTh..... 9:30am-10:45am (CSS 0201) — Kundu, M.

ASTR420 — Introduction to Galactic Research; Grade Method: REG/P-F/AUD. *Prerequisite: PHYS 272 and ASTR 350 or equivalent or permission of department.* — 3 credits

0101 (04536) MWF..... 2:00pm- 2:50pm (CSS 1113) — Matthews, T.

ASTR498 (PermReq) — Special Problems in Astronomy; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. This course is open only to those who make prior arrangements with a member of the astronomy faculty. — 1-6 credits

ASTR805 — Stellar Interiors and Evolution; Grade Method: REG/AUD. *Prerequisite: PHYS 410, PHYS 422 or equivalent.* — 3 credits

0101 (04568) WF.....12:30pm- 1:45pm (CSS 0201) — Bell, R.

ASTR640 — Radiation and Plasma Processes; Grade Method: REG/AUD. *Corequisite: PHYS 606 or permission of department.* — 3 credits

0101 (04578) MW..... 2:00pm- 3:15pm (CSS 0201) — Wentzel, D.

ASTR688C — Special Topics in Modern Astronomy: Physics of Comets; Grade Method: REG/AUD. — 3 credits

0101 (04588) TuTh..... 3:30pm- 4:45pm (CSS 0201) — A'Hearn, M.

ASTR688X — Special Topics in Modern Astronomy: X-Ray Astronomy; Grade Method: REG/AUD. — 3 credits

0101 (04598) TuTh.....12:30pm- 1:45pm (CSS 0201) — Vrtilek, S.

ASTR699 (PermReq) — Special Problems in Advanced Astronomy; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR788 (PermReq) — Selected Topics in Modern Astronomy; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ASTR799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ASTR899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BCHM Biochemistry (Life Sciences)

BCHM461 — Biochemistry I; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 245.* — 3 credits

0101 (04744) TuTh..... 9:30am-10:45am (CHM 0115) — Hansen, J.
0102 (04745) TuTh..... 9:30am-10:45am (CHM 1402) — Dunaway-Mariano

BCHM462 — Biochemistry II; Grade Method: REG/P-F/AUD. *Prerequisite: BCHM 461.* — 3 credits

0101 (04755) TuTh..... 8:00am- 9:15am (CHM 1402) — Julin, D.
0102 (04756) TuTh..... 9:30am-10:45am (CHM 1407) — Sampugna, J.

BCHM464 — Biochemistry Laboratory; Grade Method: REG/P-F/AUD. *Corequisite: BCHM 462.* — 2 credits

0101 (04766) Tu.....12:30pm- 1:20pm (CHM 0127) — Woodson, S.
Th..... 1:00pm- 6:00pm (CHM 2225) Lab

BCHM669A (PermReq) — Special Topics in Biochemistry: Perspectives in Biochemistry; Grade Method: REG/AUD. — 2 credits

0101 (04776) Time and room to be arranged — Hansen, J.

BCHM672 — Biological Membranes; Grade Method: REG/AUD. — 3 credits

0101 (04786) TuTh..... 8:00am- 9:15am (CHM 2201) — Armstrong, R.

BCHM673 — Regulation of Metabolism; Grade Method: REG/AUD. — 3 credits

0101 (04796) TuTh..... 9:30am-10:45am (CHM 2201) — Gerlt, J.

BCHM699 — Special Problems in Biochemistry; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. — 1-6 credits

BCHM799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BCHM898A — Seminar: Biochemistry Seminar; Grade Method: REG/AUD. — 1 credit

0101 (04898) Tu.....11:00am-11:50am (CHM 0124) — Hansen, J.

BCHM898B — Seminar: Bioorganic Chemistry; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (04908) Time and room to be arranged — Armstrong, R.

BCHM898C — Seminar: Lipid Metabolism; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (04918) Time and room to be arranged — Sampugna, J.

BCHM898D — Seminar: Enzymology of Recombination; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (04928) Time and room to be arranged — Julin, D.

BCHM898E — Seminar: Catalytic RNA; Grade Method: REG/AUD. — 1 credit

0101 (04938) Time and room to be arranged — Woodson, S.

BCHM898F — Seminar: Bacterial Spores; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (04948) Time and room to be arranged — Hansen, J.

BCHM898G — Seminar: Enzymology; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (04958) Time and room to be arranged — Dunaway-Mariano

BCHM898J — Seminar: Enzymatic Reaction Mechanisms; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (04968) Time and room to be arranged — Gerlt, J.

BCHM899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BIOL Biology (Life Sciences)

Note: Additional biology courses may be found under these course headings: BOTN, ENTM, MICB and ZOOL.

BIOL101 — Concepts of Biology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 102. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with BIOL 102, course may be counted as USP Distributive Studies Lab Science Course. For non-science majors. — 3 credits

2201 (05073) MWF.....12:00pm-12:50pm (HJP 0226) — Presson, J.

BIOL102 — Laboratory in Biology; Grade Method: REG/P-F/AUD. *Pre- or corequisite: BIOL 101.* CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 101. For non-science majors. — 1 credit

2215 (05083) M..... 1:00pm- 3:50pm (ZOP 0213) Lab — STAFF
2222 (05084) Tu..... 9:00am-11:50am (ZOP 0213) Lab — STAFF
2225 (05085) Tu..... 1:00pm- 3:50pm (ZOP 0213) Lab — STAFF
2232 (05086) W..... 9:00am-11:50am (ZOP 0213) Lab — STAFF
2235 (05087) W..... 1:00pm- 3:50pm (ZOP 0213) Lab — STAFF
2242 (05088) Th..... 9:00am-11:50am (ZOP 0213) Lab — STAFF
2245 (05089) Th..... 1:00pm- 3:50pm (ZOP 0213) Lab — STAFF
2252 (05090) F..... 9:00am-11:50am (ZOP 0213) Lab — STAFF

BIOL105 — Principles of Biology I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *For science majors. Credit will be granted for only one of the following: BIOL 101, BOTN 101, ZOOL 101, BIOL 105.* — 4 credits

5123 (05100) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
Tu..... 9:00am-11:50am (HJP 2104) Lab
5126 (05101) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
Tu.....12:00pm- 2:50pm (HJP 2103) Lab
5127 (05102) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
W..... 9:00am-11:50am (Arranged) Lab
5129 (05103) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
Tu..... 3:00pm- 5:50pm (HJP 2104) Lab
5131 (05104) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
Th.....12:00pm- 2:50pm (Arranged) Lab
5136 (05105) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
W.....12:00pm- 2:50pm (HJP 2104) Lab
5139 (05106) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
W..... 3:00pm- 5:50pm (HJP 2104) Lab
5143 (05107) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
Th..... 9:00am-11:50am (HJP 2103) Lab
5146 (05108) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
Th.....12:00pm- 2:50pm (HJP 2104) Lab
5147 (05109) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
W.....12:00pm- 2:50pm (Arranged) Lab
5149 (05110) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
Th..... 3:00pm- 5:50pm (HJP 2103) Lab
5151 (05111) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
F..... 3:00pm- 5:50pm (Arranged) Lab
5156 (05112) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
W..... 3:00pm- 5:50pm (Arranged) Lab
5214 (05113) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
M.....11:00am- 1:50pm (HJP 2103) Lab
5219 (05114) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
M..... 3:00pm- 5:50pm (HJP 2104) Lab
5223 (05115) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
Tu..... 9:00am-11:50am (HJP 2103) Lab
5226 (05116) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
Tu.....12:00pm- 2:50pm (HJP 2104) Lab
5227 (05117) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
Th..... 9:00am-11:50am (Arranged) Lab
5229 (05118) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
Tu..... 3:00pm- 5:50pm (HJP 2103) Lab
5231 (05119) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
W..... 8:00am-10:50am (HJP 2104) Lab
5234 (05120) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
W.....11:00am- 1:50pm (HJP 2103) Lab
5239 (05121) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
W..... 3:00pm- 5:50pm (HJP 2103) Lab
5243 (05122) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
Th..... 9:00am-11:50am (HJP 2104) Lab
5246 (05123) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
Th.....12:00pm- 2:50pm (HJP 2103) Lab
5249 (05124) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
Th..... 3:00pm- 5:50pm (HJP 2104) Lab
5251 (05125) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
F..... 8:00am-10:50am (HJP 2103) Lab
5254 (05126) MWF..... 2:00pm- 2:50pm (HJP 0226) — STAFF
F.....11:00am- 1:50pm (HJP 2104) Lab

BIOL105H (PermReq) — Principles of Biology I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *For science majors. Credit will be granted for only one of the following: BIOL 101, BOTN 101, ZOOL 101, BIOL 105.* — 4 credits

5116 (05136) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
M.....11:00am- 1:50pm (Arranged) Lab
5119 (05137) MWF..... 8:00am- 8:50am (ZOP 1240) — STAFF
M..... 2:00pm- 4:50pm (Arranged) Lab

BIOL106 — Principles of Biology II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: BIOL 105. For science majors.* — 4 credits

6116 (05147) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
M.....12:00pm- 2:50pm (ZOP 0245) Lab
6117 (05148) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
M..... 6:00pm- 8:50pm (ZOP 0245) Lab
6118 (05149) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
M..... 8:00am-10:50am (ZOP 0245) Lab
6119 (05150) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
M..... 3:00pm- 5:50pm (ZOP 0245) Lab
6123 (05151) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
Tu..... 9:00am-11:50am (ZOP 0245) Lab
6126 (05152) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
Tu.....12:00pm- 2:50pm (ZOP 0245) Lab
6128 (05153) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
Tu..... 3:00pm- 5:50pm (ZOP 0245) Lab
6129 (05154) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
Tu..... 6:00pm- 8:50pm (ZOP 0245) Lab
6136 (05155) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
W.....12:00pm- 2:50pm (ZOP 0245) Lab
6137 (05156) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
W..... 6:00pm- 8:50pm (ZOP 0245) Lab
6139 (05157) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
W..... 3:00pm- 5:50pm (ZOP 0245) Lab
6143 (05158) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
Th..... 8:00am-10:50am (ZOP 0245) Lab
6146 (05159) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
Th.....11:00am- 1:50pm (ZOP 0245) Lab
6148 (05160) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
Th..... 2:00pm- 4:50pm (ZOP 0245) Lab
6149 (05161) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
Th..... 6:00pm- 8:50pm (ZOP 0245) Lab
6151 (05162) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
F..... 8:00am-10:50am (ZOP 0245) Lab
6153 (05163) MWF.....11:00am-11:50am (ZOP 1240) — Thorne, B.
F.....12:00pm- 2:50pm (ZOP 0245) Lab

BIOL106H (PermReq) — Principles of Biology II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: BIOL 105. For science majors.* — 4 credits

0110 (05173) MWF..... 8:00am- 8:50am (ZOP 1250) — Inouye, D.
M..... 1:00pm- 3:50pm (ZOP 0249) Lab
0111 (05174) MWF..... 8:00am- 8:50am (ZOP 1250) — Inouye, D.
Tu..... 1:00pm- 3:50pm (ZOP 0249) Lab
0121 (05175) MWF..... 8:00am- 8:50am (ZOP 1250) — Inouye, D.
Tu..... 9:00am-11:50am (ZOP 0249) Lab

BIOL222 — Principles of Genetics; Grade Method: REG/P-F/AUD. *Prerequisites: BIOL 105, and CHEM 103. Corequisite: CHEM 113 or CHEM 104. Credit will be granted for only one of the following: ZOOL 213, HORT 274, or ANSC 201.* — 4 credits

8113 (05185) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
M..... 1:00pm- 2:50pm (HJP 1229) Dis
8114 (05186) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
M..... 3:00pm- 4:50pm (ZOP 1232) Dis
8121 (05187) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
Tu..... 8:00am- 9:50am (ARM 0120) Dis
8122 (05188) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
Tu.....10:00am-11:50am (ARM 0118) Dis
8123 (05189) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
Tu..... 1:00pm- 2:50pm (ARM 0118) Dis
8124 (05190) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
Tu..... 3:00pm- 4:50pm (ARM 0118) Dis
8133 (05191) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
W..... 1:00pm- 2:50pm (ARM 0120) Dis
8134 (05192) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
W..... 3:00pm- 4:50pm (ARM 0118) Dis
8141 (05193) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
Th..... 8:00am- 9:50am (ARM 0120) Dis
8142 (05194) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
Th.....10:00am-11:50am (ARM 0118) Dis
8143 (05195) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
Th..... 1:00pm- 2:50pm (ARM 0118) Dis
8144 (05196) MWF.....10:00am-10:50am (ZOP 1240) Imberski, R.
Th..... 3:00pm- 4:50pm (ARM 0118) Dis

BIOL398 (PermReq) **Honors Research Problems in Biology; Grade Method: REG.** Individual instruction course: contact department or instructor to obtain section number. Contact A. Olek (3218 Zoology/Psychology) to obtain section number. — 1-3 credits

BIOL399 (PermReq) **Honors Seminar in Biology; Grade Method: REG.** — 1 credit
0101 (05223) Time and room to be arranged — Olek, A.

BIOM Biometrics (Agriculture)

BIOM301 **Introduction to Biometrics; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 115.* — 3 credits
0101 (05273) TuTh.....12:00pm-12:50pm (CHM 1402) Russek-Cohen, E
Tu..... 1:00pm- 1:50pm (ANS 0412) Dis
0102 (05274) TuTh.....12:00pm-12:50pm (CHM 1402) Russek-Cohen, E
Tu..... 2:00pm- 2:50pm (ANS 0412) Dis
0103 (05275) TuTh.....12:00pm-12:50pm (CHM 1402) Russek-Cohen, E
W.....12:00pm-12:50pm (ANS 0412) Dis
0104 (05276) TuTh.....12:00pm-12:50pm (CHM 1402) Russek-Cohen, E
Tu..... 5:00pm- 5:50pm (ANS 0412) Dis

BIOM602 **Biostatistics II; Grade Method: REG/AUD.** *Prerequisite: BIOM 401 or equivalent.* — 4 credits
0101 (05286) TuTh..... 2:00pm- 3:15pm (ANS 0408) Douglass, L.
Tu..... 3:30pm- 5:30pm (ANS 0473) Lab
0102 (05287) TuTh..... 2:00pm- 3:15pm (ANS 0408) Douglass, L.
Th.....12:00pm- 2:00pm (ANS 0473) Lab

BIOM688A (PermReq) **Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD.** — 1 credit
0101 (05297) Time and room to be arranged — Douglass, L.

BIOM688E **Topics in Biometrics: Advanced Topics in Applied Regression; Grade Method: REG/AUD.** — 1 credit
0101 (05307) Time and room to be arranged — Russek-Cohen, E

BMGT Business and Management (Business and Management)

BMGT110 **Introduction to Business and Management; Grade Method: REG/P-F/AUD.** *Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.* — 3 credits
0101 (05357) TuTh..... 9:30am-10:45am (VMH 1212) Nickels, W.

BMGT220 **Principles of Accounting I; Grade Method: REG.** *Sophomore standing.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits
0101 (05367) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 8:00am- 8:50am (VMH 1206) Dis
0102 (05368) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 9:00am- 9:50am (TYD 2108) Dis
0103 (05369) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F.....10:00am-10:50am (TYD 2108) Dis
0104 (05370) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F.....11:00am-11:50am (TYD 2108) Dis
0105 (05371) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F.....12:00pm-12:50pm (TYD 2108) Dis
0106 (05372) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 1:00pm- 1:50pm (TYD 2108) Dis
0107 (05373) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 2:00pm- 2:50pm (TYD 2108) Dis
0108 (05374) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 3:00pm- 3:50pm (TYD 2108) Dis
0109 (05375) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 4:00pm- 4:50pm (TYD 2108) Dis
0110 (05376) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F..... 9:00am- 9:50am (VMH 1206) Dis
0111 (05377) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F.....10:00am-10:50am (VMH 1206) Dis
0112 (05378) MW..... 5:00pm- 6:15pm (TYD 0130) Hardy, K.
F.....11:00am-11:50am (VMH 1206) Dis

BMGT221 **Principles of Accounting II; Grade Method: REG.** *Prerequisite: BMGT 220.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits
0101 (05388) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F..... 8:00am- 8:50am (TYD 1118) Dis
0102 (05389) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F..... 9:00am- 9:50am (TYD 1118) Dis
0103 (05390) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F.....10:00am-10:50am (TYD 1118) Dis
0104 (05391) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F.....11:00am-11:50am (TYD 1118) Dis
0105 (05392) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F.....12:00pm-12:50pm (TYD 1118) Dis
0106 (05393) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F..... 1:00pm- 1:50pm (TYD 1118) Dis
0107 (05394) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F..... 2:00pm- 2:50pm (TYD 1118) Dis
0108 (05395) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F..... 3:00pm- 3:50pm (TYD 1118) Dis
0109 (05396) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F..... 4:00pm- 4:50pm (TYD 1118) Dis
0110 (05397) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F.....12:00pm-12:50pm (VMH 1206) Dis
0111 (05398) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F..... 1:00pm- 1:50pm (VMH 1206) Dis
0112 (05399) MW..... 2:00pm- 3:15pm (TYD 0130) Rymer, V.
F..... 2:00pm- 2:50pm (VMH 1206) Dis
0201 (05400) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F..... 8:00am- 8:50am (TYD 2102) Dis
0202 (05401) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F..... 9:00am- 9:50am (TYD 2102) Dis
0203 (05402) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F.....10:00am-10:50am (TYD 2102) Dis
0204 (05403) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F.....11:00am-11:50am (TYD 2102) Dis
0205 (05404) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F.....12:00pm-12:50pm (TYD 2102) Dis
0206 (05405) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F..... 1:00pm- 1:50pm (TYD 2102) Dis
0207 (05406) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F..... 2:00pm- 2:50pm (TYD 2102) Dis
0208 (05407) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F..... 3:00pm- 3:50pm (TYD 2102) Dis
0209 (05408) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F..... 4:00pm- 4:50pm (TYD 2102) Dis
0210 (05409) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F..... 3:00pm- 3:50pm (VMH 1206) Dis
0211 (05410) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F..... 4:00pm- 4:50pm (VMH 1206) Dis
0212 (05411) TuTh..... 5:00pm- 6:15pm (TYD 0130) Grimshaw, A.
F..... 1:00pm- 1:50pm (VMH 1202) Dis

BMGT230 **Business Statistics; Grade Method: REG.** *Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* Where a BMGT exam conflicts with a regularly scheduled class, the student will be provided with a makeup exam. — 3 credits
0101 (05422) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 8:00am- 8:50am (TYD 2109) Dis
0102 (05423) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 9:00am- 9:50am (TYD 2109) Dis
0103 (05424) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F.....10:00am-10:50am (TYD 2109) Dis
0104 (05425) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F.....11:00am-11:50am (TYD 2109) Dis
0105 (05426) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F.....12:00pm-12:50pm (TYD 2109) Dis
0106 (05427) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 1:00pm- 1:50pm (TYD 2109) Dis
0107 (05428) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 2:00pm- 2:50pm (TYD 2109) Dis
0108 (05429) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 3:00pm- 3:50pm (TYD 2109) Dis
0109 (05430) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 4:00pm- 4:50pm (TYD 2109) Dis
0110 (05431) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F.....11:00am-11:50am (VMH 1207) Dis
0111 (05432) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F.....12:00pm-12:50pm (VMH 1207) Dis
0112 (05433) TuTh..... 8:00am- 9:15am (TYD 0130) Webster, D.
F..... 1:00pm- 1:50pm (VMH 1207) Dis
0201 (05434) TuTh..... 8:00am- 9:15am (VMH 1202) Fromovitz, S.
0301 (05435) TuTh..... 9:30am-10:45am (VMH 2203) Simon, J.
0401 (05436) MW..... 8:00am- 9:15am (VMH 1202) Fromovitz, S.

BMGT231 **Statistical Models For Business; Grade Method: REG.** *Prerequisite: MATH 141 or permission of department. For management science and statistics majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400.* — 3 credits
0101 (05446) TuTh.....12:30pm- 1:45pm (VMH 1207) Kotz, S.
F..... 1:00pm- 1:50pm (DNC 1139B) Dis

BMGT290 (PermReq) **Methods for Measuring Quality; Grade Method: REG.** *Prerequisite: BMGT 190 or ENES 190. Also offered as ENES 380.* — 3 credits
0101 (05456) MW..... 5:00pm- 6:15pm (VMH 2203) Alt, F.

BMGT301 **Introduction to Management Information Systems; Grade Method: REG.** *Prerequisite: BMGT 230 or BMGT 231.* This course is restricted to BMGT majors and students with major codes 08380 and 0803H with 53 semester hours completed. All others must have authorization. — 3 credits
0101 (05466) TuTh.....11:00am-12:15pm (VMH 1212) Spear, R.
F..... 8:00am- 8:50am (VMH 2203) Lab
0102 (05467) TuTh.....11:00am-12:15pm (VMH 1212) Spear, R.
F.....10:00am-10:50am (VMH 2203) Lab
0103 (05468) TuTh.....11:00am-12:15pm (VMH 1212) Spear, R.
F.....12:00pm-12:50pm (VMH 2203) Lab
0104 (05469) TuTh.....11:00am-12:15pm (VMH 1212) Spear, R.
F..... 3:00pm- 3:50pm (VMH 2203) Lab
0201 (05470) MW..... 3:30pm- 4:45pm (VMH 1212) Chaires, J.
F..... 9:00am- 9:50am (VMH 2203) Lab
0202 (05471) MW..... 3:30pm- 4:45pm (VMH 1212) Chaires, J.
F.....11:00am-11:50am (VMH 2203) Lab
0203 (05472) MW..... 3:30pm- 4:45pm (VMH 1212) Chaires, J.
F..... 1:00pm- 1:50pm (VMH 2203) Lab
0204 (05473) MW..... 3:30pm- 4:45pm (VMH 1212) Chaires, J.
F..... 4:00pm- 4:50pm (VMH 2203) Lab

BMGT301H (PermReq) **Introduction to Management Information Systems; Grade Method: REG.** *Prerequisite: BMGT 230 or BMGT 231.* — 3 credits
0101 (05483) MW..... 9:30am-10:45am (Arranged) Hevner, A.

BMGT302 **Programming for Business Information Systems; Grade Method: REG.** *Prerequisite: BMGT 301.* This course is restricted to BMGT majors and students with major code 08380 with 68 semester hours completed. All others must have authorization. — 3 credits
0101 (05493) MW..... 2:00pm- 3:15pm (VMH 2203) Chaires, J.

BMGT310 **Intermediate Accounting I; Grade Method: REG.** *Prerequisite: BMGT 221.* This course is restricted to accounting majors with 53 hours completed. All others must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits
0101 (05503) TuTh..... 9:30am-10:45am (VMH 1311) Thompson, R.
0201 (05504) MW.....12:30pm- 1:45pm (VMH 1207) Wong, T.
0301 (05505) MW..... 2:00pm- 3:15pm (TYD 2102) Wong, T.

BMGT311 **Intermediate Accounting II; Grade Method: REG.** *Prerequisite: BMGT 310.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This course is restricted to accounting majors with 65 semester hours completed. All others must have authorization. — 3 credits
0101 (05515) TuTh..... 9:30am-10:45am (TYD 2109) Rose, S.
0201 (05516) TuTh.....11:00am-12:15pm (TYD 1118) Rose, S.
0301 (05517) MW.....12:30pm- 1:45pm (TYD 2108) Liu, S.
0401 (05518) MW..... 2:00pm- 3:15pm (TYD 0111) Liu, S.

BMGT321 **Cost Accounting; Grade Method: REG.** *Prerequisite: BMGT 221.* This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization. — 3 credits
0101 (05528) TuTh..... 9:30am-10:15am (TYD 2102) Suryseker, K.
0201 (05529) MW.....11:00am-12:15pm (VMH 1407) Loeb, M.
0301 (05530) MW.....12:30pm- 1:45pm (VMH 1407) Loeb, M.
0401 (05531) TuTh..... 2:00pm- 3:15pm (TYD 1108) Iyengar, R.

BMGT323 **Income Tax Accounting; Grade Method: REG.** *Prerequisite: BMGT 221.* This course is restricted to accounting majors with 53 semester hours completed. All others must have authorization. — 3 credits
0101 (05541) MW.....12:30pm- 1:45pm (TYD 2109) Pantalone, V.
0201 (05542) TuTh.....12:30pm- 1:45pm (TYD 2108) LeClere, M.
0301 (05543) TuTh..... 3:30pm- 4:45pm (TYD 2109) LeClere, M.

BMGT326 **Accounting Systems; Grade Method: REG.** *Prerequisites: BMGT 301; and BMGT 321.* This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization. — 3 credits
0101 (05553) TuTh.....11:00am-12:15pm (VMH 1303) Kandelin, N.
0201 (05554) TuTh.....12:30pm- 1:45pm (VMH 1303) Kandelin, N.

BMGT332 **Operations Research For Management Decisions; Grade Method: REG.** *Prerequisite: BMGT 230.* Not for management science-statistics majors. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization. — 3 credits
0101 (05564) TuTh.....11:00am-12:15pm (TYD 1140) Widhelm, W.
0201 (05565) TuTh.....12:30pm- 1:45pm (TYD 1140) Widhelm, W.
0301 (05566) TuTh..... 3:30pm- 4:45pm (TYD 2108) STAFF

BMGT340 **Business Finance; Grade Method: REG.** *Prerequisites: BMGT 221; and BMGT 230 or BMGT 231.* This course is restricted to BMGT majors and students with major code 0111C with 53 semester hours completed. All others must have authorization. — 3 credits
0101 (05576) MW.....12:30pm- 1:45pm (VMH 1212) Draper, F.
F..... 8:00am- 8:50am (VMH 1203) Dis
0102 (05577) MW.....12:30pm- 1:45pm (VMH 1212) Draper, F.
F..... 9:00am- 9:50am (VMH 1203) Dis
0103 (05578) MW.....12:30pm- 1:45pm (VMH 1212) Draper, F.
F.....10:00am-10:50am (VMH 1203) Dis
0104 (05579) MW.....12:30pm- 1:45pm (VMH 1212) Draper, F.
F.....11:00am-11:50am (VMH 1203) Dis
0105 (05580) MW.....12:30pm- 1:45pm (VMH 1212) Draper, F.
F.....12:00pm-12:50pm (VMH 1203) Dis
0106 (05581) MW.....12:30pm- 1:45pm (VMH 1212) Draper, F.
F..... 3:00pm- 3:50pm (VMH 1203) Dis
0201 (05582) MW..... 2:00pm- 3:15pm (VMH 1212) Draper, F.
F..... 8:00am- 8:50am (VMH 1202) Dis
0202 (05583) MW..... 2:00pm- 3:15pm (VMH 1212) Draper, F.
F..... 9:00am- 9:50am (VMH 1202) Dis
0203 (05584) MW..... 2:00pm- 3:15pm (VMH 1212) Draper, F.
F.....10:00am-10:50am (VMH 1202) Dis
0204 (05585) MW..... 2:00pm- 3:15pm (VMH 1212) Draper, F.
F.....11:00am-11:50am (VMH 1202) Dis
0205 (05586) MW..... 2:00pm- 3:15pm (VMH 1212) Draper, F.
F.....12:00pm-12:50pm (VMH 1202) Dis
0206 (05587) MW..... 2:00pm- 3:15pm (VMH 1212) Draper, F.
F..... 3:00pm- 3:50pm (VMH 1202) Dis

BMGT340H (PermReq) **Business Finance; Grade Method: REG.** *Prerequisites: BMGT 221; and BMGT 230 or BMGT 231.* — 3 credits
0101 (05597) Time and room to be arranged — STAFF

BMGT343 **Investments; Grade Method: REG.** *Prerequisite: BMGT 340.* This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization. — 3 credits
0101 (05607) MW..... 9:30am-10:45am (VMH 1203) STAFF
0201 (05608) MW.....11:00am-12:15pm (VMH 1311) STAFF
0301 (05609) TuTh..... 9:30am-10:45am (TYD 2108) STAFF

BMGT350 **Marketing Principles and Organization; Grade Method: REG.** *Prerequisite: ECON 203; or ECON 205.* This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0111C, 0602A, 0602F, 0803C, 08380, 1303A, 1303B, 1303C, 1303E and 1304A must have 70 semester hours completed. All others must have authorization. — 3 credits
0101 (05619) TuTh.....12:30pm- 1:45pm (VMH 1212) Nickels, W.
F..... 8:00am- 8:50am (VMH 1311) Dis
0102 (05620) TuTh.....12:30pm- 1:45pm (VMH 1212) Nickels, W.
F..... 9:00am- 9:50am (VMH 1311) Dis
0103 (05621) TuTh.....12:30pm- 1:45pm (VMH 1212) Nickels, W.
F.....10:00am-10:50am (VMH 1311) Dis
0104 (05622) TuTh.....12:30pm- 1:45pm (VMH 1212) Nickels, W.
F.....11:00am-11:50am (VMH 1311) Dis
0105 (05623) TuTh.....12:30pm- 1:45pm (VMH 1212) Nickels, W.
F.....12:00pm-12:50pm (VMH 1311) Dis
0106 (05624) TuTh.....12:30pm- 1:45pm (VMH 1212) Nickels, W.
F..... 1:00pm- 1:50pm (VMH 1311) Dis
0201 (05625) TuTh..... 2:00pm- 3:15pm (VMH 1212) Nickels, W.
F..... 8:00am- 8:50am (VMH 1207) Dis
0202 (05626) TuTh..... 2:00pm- 3:15pm (VMH 1212) Nickels, W.
F..... 9:00am- 9:50am (VMH 1207) Dis
0203 (05627) TuTh..... 2:00pm- 3:15pm (VMH 1212) Nickels, W.
F.....10:00am-10:50am (VMH 1207) Dis
0204 (05628) TuTh..... 2:00pm- 3:15pm (VMH 1212) Nickels, W.
F..... 2:00pm- 2:50pm (VMH 1311) Dis
0205 (05629) TuTh..... 2:00pm- 3:15pm (VMH 1212) Nickels, W.
F..... 3:00pm- 3:50pm (VMH 1311) Dis
0206 (05630) TuTh..... 2:00pm- 3:15pm (VMH 1212) Nickels, W.
F..... 4:00pm- 4:50pm (VMH 1311) Dis

BMGT353 **Retail Management; Grade Method: REG.** *Prerequisites: BMGT 220; and BMGT 350.* This course is restricted to business majors and secondary education- marketing majors only (code 0803C with 68 semester hours completed). All others must have authorization. — 3 credits
0101 (05640) MW..... 9:30am-10:45am (VMH 1207) Milward, M.
0201 (05641) MW.....11:00am-12:15pm (VMH 1206) Wagner, J.

BMGT354 **Promotion Management; Grade Method: REG.** *Prerequisite: BMGT 350.* This course is restricted to BMGT majors and students with major codes 0803C, 0602A, 0602F, 1303B, 1303E and 1304A with 60 semester hours completed. All others must have authorization. — 3 credits
0101 (05651) MW..... 9:30am-10:45am (TYD 2109) STAFF
0201 (05652) TuTh..... 9:30am-10:45am (TYD 1118) Smith, A.
0301 (05653) TuTh..... 2:00pm- 3:15pm (TYD 2102) Kyler, C.

BMGT360 **Human Resource Management; Grade Method: REG.** This course is open to all students with 53 semester hours completed. — 3 credits
0101 (05663) TuTh..... 8:00am- 9:15am (VMH 1212) Kovach, K.
F..... 8:00am- 8:50am (VMH 1314) Lab
0102 (05664) TuTh..... 8:00am- 9:15am (VMH 1212) Kovach, K.
F..... 9:00am- 9:50am (VMH 1314) Lab
0103 (05665) TuTh..... 8:00am- 9:15am (VMH 1212) Kovach, K.
F.....10:00am-10:50am (VMH 1314) Lab
0104 (05666) TuTh..... 8:00am- 9:15am (VMH 1212) Kovach, K.
F..... 1:00pm- 1:50pm (VMH 1314) Lab
0105 (05667) TuTh..... 8:00am- 9:15am (VMH 1212) Kovach, K.
F.....12:00pm-12:50pm (VMH 1314) Lab
0106 (05668) TuTh..... 8:00am- 9:15am (VMH 1212) Kovach, K.
F..... 1:00pm- 1:50pm (VMH 1314) Lab

BMGT362 **Labor Relations; Grade Method: REG.** This course is restricted to BMGT majors and students with major codes 0839A and 1307A with 60 semester hours completed. All others must have authorization. — 3 credits
0101 (05678) TuTh..... 9:30am-10:45am (VMH 1407) Levine, M.

BMGT364 **Management and Organization Theory; Grade Method: REG.** This course is restricted to BMGT majors and students with major codes 0111D, 0111C, 1303B, 1303E, and 1304A with 53 semester hours completed. All others must have authorization. — 3 credits
0101 (05688) MW..... 9:30am-10:45am (VMH 1212) Bartol, K.
F..... 8:00am- 8:50am (VMH 1307) Lab
0102 (05689) MW..... 9:30am-10:45am (VMH 1212) Bartol, K.
F..... 9:00am- 9:50am (VMH 1307) Lab
0103 (05690) MW..... 9:30am-10:45am (VMH 1212) Bartol, K.
F.....10:00am-10:50am (VMH 1307) Lab
0104 (05691) MW..... 9:30am-10:45am (VMH 1212) Bartol, K.
F.....11:00am-11:50am (VMH 1307) Lab
0105 (05692) MW..... 9:30am-10:45am (VMH 1212) Bartol, K.
F.....12:00pm-12:50pm (VMH 1307) Lab
0106 (05693) MW..... 9:30am-10:45am (VMH 1212) Bartol, K.
F..... 1:00pm- 1:50pm (VMH 1307) Lab
0201 (05694) MW.....11:00am-12:15pm (VMH 1212) Bartol, K.
F..... 8:00am- 8:50am (VMH 1303) Lab
0202 (05695) MW.....11:00am-12:15pm (VMH 1212) Bartol, K.
F..... 9:00am- 9:50am (VMH 1303) Lab
0203 (05696) MW.....11:00am-12:15pm (VMH 1212) Bartol, K.
F.....10:00am-10:50am (VMH 1303) Lab
0204 (05697) MW.....11:00am-12:15pm (VMH 1212) Bartol, K.
F.....11:00am-11:50am (VMH 1303) Lab
0205 (05698) MW.....11:00am-12:15pm (VMH 1212) Bartol, K.
F.....12:00pm-12:50pm (VMH 1303) Lab
0206 (05699) MW.....11:00am-12:15pm (VMH 1212) Bartol, K.
F..... 1:00pm- 1:50pm (VMH 1303) Lab

BMGT370 **Introduction to Transportation Management; Grade Method: REG.** *Prerequisite: ECON 203; or ECON 205.* This course is open to all students with 53 semester hours completed. — 3 credits
0101 (05709) MW..... 9:30am-10:45am (TYD 2108) Hardison, A.
0201 (05710) MW.....11:00am-12:15pm (TYD 2108) Hardison, A.
0301 (05711) TuTh..... 9:30am-10:45am (VMH 1303) Feitler, J.

BMGT372 **Introduction to Logistics Management; Grade Method: REG.** This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization. — 3 credits
0101 (05721) MW..... 2:00pm- 3:15pm (VMH 1206) Emerson, C.
0201 (05722) TuTh.....12:30pm- 1:45pm (TYD 1118) Dresner, M.
0301 (05723) MW..... 2:00pm- 3:15pm (TYD 2108) Evers, P.

BMGT380 **Business Law I; Grade Method: REG.** This course is restricted to BMGT majors and students with major codes 0111C, 0803C, 0803H and 08380 with 53 semester hours completed. All others must have authorization. — 3 credits
0101 (05733) MW..... 8:00am- 9:15am (VMH 1212) Millian, P.
0201 (05734) MW..... 9:30am-10:45am (VMH 1311) Millian, P.
0301 (05735) TuTh.....12:30pm- 1:45pm (TYD 2109) Ostas, D.
0401 (05736) TuTh..... 2:00pm- 3:15pm (TYD 2109) Ostas, D.

BMGT381 **Business Law II; Grade Method: REG.** *Prerequisite: BMGT 380 or permission of department.* This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization. — 3 credits
0101 (05746) TuTh..... 3:30pm- 4:45pm (VMH 1212) Leete, B.

BMGT385 **Production Management; Grade Method: REG.** This course is restricted to BMGT majors and students with major code 0839A and 0111C with 53 semester hours completed. All others must have authorization. — 3 credits

0101 (05756) TuTh.....11:00am-12:15pm (VMH 1206) Kaku, B.
F..... 9:00am- 9:50am (DNC 1139B) Dis

BMGT382 Introduction to International Business Management; Grade Method: REG. *Prerequisite: ECON 203, or ECON 205.* Restricted to BMGT majors with 53 semester hours completed. All others must have authorization. 3 credits

0101 (05768) MW.....11:00am-12:15pm (TYD 2109) Ferrier, W.

BMGT398 (PermReq) Individual Study in Business and Management; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BMGT404 Seminar in Decision Support Systems; Grade Method: REG. *Prerequisite: BMGT 302.* Restricted to BMGT majors with 75 semester hours completed. This course is offered in spring semester only. 3 credits

0101 (05938) Tu..... 1:00pm- 3:40pm (VMH 2203) Spear, E.

BMGT405 Business Telecommunications; Grade Method: REG. *Prerequisite: BMGT 302.* Restricted to BMGT majors with 72 semester hours completed. All others must have authorization. This course is offered in spring semester only. 3 credits

0101 (05948) MW..... 9:30am-10:45am (VMH 2203) Vagoun, T.

BMGT407 Info Systems Projects; Grade Method: REG. *Prerequisite: 12 hours of information systems. For decision and information sciences majors only. Senior standing.* Restricted to BMGT majors with 72 semester hours completed. All others must have authorization. 3 credits

0101 (05958) MW.....11:00am-12:15pm (VMH 1307) Wheeler, B.

BMGT417 Advanced Tax Accounting; Grade Method: REG. *Prerequisites: BMGT 311, and BMGT 323.* This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization. 3 credits

0101 (05968) TuTh..... 2:00pm- 3:15pm (TYD 2106) Pantalone, V.
0201 (05969) TuTh..... 3:30pm- 4:45pm (VMH 1307) Pantalone, V.

BMGT422 Auditing Theory and Practice; Grade Method: REG. *Prerequisite: BMGT 311.* This course is restricted to accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits

0101 (05979) MW.....11:00am-12:15pm (TYD 1118) McKinney, J.
0201 (05980) MW.....12:30pm- 1:45pm (TYD 0111) McKinney, J.
0301 (05981) TuTh..... 2:00pm- 3:15pm (TYD 1118) Webb, N.

BMGT424 Advanced Accounting; Grade Method: REG. *Prerequisite: BMGT 311.* This course is restricted to accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits

0101 (05991) TuTh..... 8:00am- 9:30am (VMH 1203) Iyengar, R.
0201 (05992) MW..... 9:30am-10:45am (VMH 1303) Rymer, V.
0301 (05993) MW.....11:00am-12:15pm (VMH 1303) Rymer, V.

BMGT430 Linear Statistical Models in Business; Grade Method: REG. *Prerequisite: BMGT 230 or BMGT 231 or permission of department.* This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization. 3 credits

0101 (06003) TuTh.....12:30pm- 1:45pm (TYD 0111) Benson, E.
F.....10:00am-10:50am (TYD 1140) Dis

BMGT431 Design of Statistical Experiments in Business; Grade Method: REG. *Prerequisite: BMGT 230 or BMGT 231.* BMGT majors only. All others must have authorization. 3 credits

0101 (06013) TuTh..... 3:30pm- 4:45pm (VMH 1303) Benson, E.
F..... 3:00pm- 3:50pm (VMH 1303) Dis

BMGT435 Introduction to Applied Probability Models; Grade Method: REG. *Prerequisite: BMGT 231 or permission of department.* This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization. 3 credits

0101 (06023) MW..... 3:30pm- 4:45pm (VMH 1307) Fu, M.
F..... 2:00pm- 2:50pm (VMH 1303) Dis

BMGT440 Financial Management; Grade Method: REG. *Prerequisite: BMGT 340.* This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization. 3 credits

0101 (06033) MW..... 9:30am-10:45am (VMH 1206) Pichler, P.
0201 (06034) TuTh..... 2:00pm- 3:15pm (TYD 2108) STAFF
0301 (06035) TuTh..... 3:30pm- 4:45pm (TYD 2102) STAFF
0401 (06036) M..... 7:00pm- 9:40pm (VMH 1303) STAFF

BMGT443 Security Analysis and Valuation; Grade Method: REG. *Prerequisite: BMGT 343.* This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization. 3 credits

0101 (06046) MW..... 2:00pm- 3:15pm (VMH 1303) Haslem, J.
0201 (06047) MW.....12:30pm- 1:45pm (VMH 1203) Haslem, J.

BMGT444 Futures Contracts and Options; Grade Method: REG. *Prerequisite: BMGT 343.* This course is restricted to finance majors with 84 semester hours completed. All others must have authorization. 3 credits

0101 (06057) TuTh.....12:30pm- 1:45pm (VMH 1407) Chang, E.

BMGT445 Commercial Bank Management; Grade Method: REG. *Prerequisites: BMGT 340, and ECON 430.* This course is restricted to finance majors with 84 semester hours completed. All others must have authorization. 3 credits

0101 (06067) MW..... 3:30pm- 4:45pm (VMH 1303) Unal, H.

BMGT448 International Finance; Grade Method: REG. *Prerequisite: BMGT 340.* This course is restricted to finance and general business (international option) majors with 72 semester hours completed. All others must have authorization. 3 credits

0101 (06077) TuTh.....11:00am-12:15pm (VMH 1203) Chen, S.
0201 (06078) TuTh..... 2:00pm- 3:15pm (VMH 1203) Eun, C.

BMGT451 Consumer Analysis; Grade Method: REG. *Prerequisite: BMGT 350. Recommended: PSYC 100; and PSYC 221. Not open to students who have completed CNEC 437. Credit will be granted for only one of the following: BMGT 451 or CNEC 437.* This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 68 hours completed. All others must have authorization. 3 credits

0101 (06090) TuTh.....11:00am-12:15pm (VMH 1311) Schuhwerk, M.
0201 (06091) TuTh.....12:30pm- 1:45pm (TYD 1108) Schuhwerk, M.

BMGT452 Marketing Research Methods; Grade Method: REG. *Prerequisites: BMGT 230; and BMGT 451. Formerly BMGT 450.* This course is restricted to marketing majors with 72 semester hours completed. Recommended that BMGT 430 be taken prior to this course. All others must have authorization. 3 credits

0101 (06112) TuTh.....11:00am-12:15pm (VMH 1307) Seshadri, S.
0201 (06113) MW..... 2:00pm- 3:15pm (VMH 1203) Ali, A.

BMGT454 International Marketing; Grade Method: REG. *Prerequisites: BMGT 350 plus one other marketing course.* This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization. 3 credits

0101 (06123) TuTh..... 2:00pm- 3:15pm (VMH 1307) Greer, T.

BMGT455 Sales Management; Grade Method: REG. *Prerequisite: BMGT 350.* This course is restricted to BMGT majors and students with major code 0803C with 72 semester hours completed. All others must have authorization. 3 credits

0101 (06144) TuTh..... 2:00pm- 3:15pm (VMH 1311) Jolson, M.

BMGT456 Advertising; Grade Method: REG. *Prerequisite: BMGT 350.* This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, and 1304A with 60 semester hours completed. All others must have authorization. 3 credits

0101 (06154) MW.....12:30pm- 1:45pm (VMH 1311) Milward, M.
0201 (06155) MW..... 2:00pm- 3:15pm (TYD 2109) Milward, M.

BMGT457 Marketing Policies and Strategies; Grade Method: REG. *Prerequisite: BMGT 452.* This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization. 3 credits

0101 (06165) MW..... 9:30am-10:45am (VMH 1307) Zaleski, D.
0201 (06166) MW.....12:30pm- 1:45pm (VMH 1303) Lefkoff, R.
0301 (06167) TuTh.....12:30pm- 1:45pm (VMH 1311) Sengupta, S.

BMGT461 Entrepreneurship; Grade Method: REG. This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization. This course is offered in spring semester only. 3 credits

0101 (06177) Th..... 3:30pm- 6:10pm (VMH 1207) Baum, J.

BMGT464 Organizational Behavior; Grade Method: REG. *Prerequisite: BMGT 364.* This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization. This course offered in spring semester only. 3 credits

0101 (06187) MW..... 3:30pm- 4:45pm (TYD 2108) STAFF

BMGT470 Carrier Management; Grade Method: REG. *Prerequisites: BMGT 370, and BMGT 372.* This course is open to all students with 72 semester hours completed. 3 credits

0101 (06197) TuTh..... 9:30am-10:45am (VMH 1307) Taff, C.

BMGT475 Advanced Logistics Management; Grade Method: REG. *Prerequisites: BMGT 370; and BMGT 372.* BMGT majors only. All others must have authorization. 3 credits

0101 (06207) TuTh.....11:00am-12:15pm (VMH 1407) Emerson, C.

BMGT476 Applied Computer Models in Logistics and Transportation Management; Grade Method: REG. *Prerequisites: BMGT 301 and BMGT 370 and BMGT 372.* Restricted to transportation majors. All others must have authorization. 3 credits

0101 (06217) MW.....12:30pm- 1:45pm (VMH 1307) STAFF

BMGT477 International Logistics and Transportation Management; Grade Method: REG. *Prerequisites: BMGT 370; and BMGT 372.* This course is restricted to transportation and general business (international option) majors only. All others must have authorization. 3 credits

0101 (06227) MW..... 8:00am- 9:15am (TYD 1118) Needham, P.
0201 (06228) MW..... 9:30am-10:45am (TYD 1118) Flicop, S.

BMGT482 Business and Government; Grade Method: REG. *Prerequisite: ECON 203; or ECON 205.* This course is restricted to BMGT majors. All others must have authorization. 3 credits

0101 (06238) TuTh..... 3:30pm- 4:45pm (VMH 1311) Lesser, L.

BMGT495 Business Policies; Grade Method: REG. *Prerequisites: BMGT 340; and BMGT 350; and BMGT 364.* This course is restricted to graduating senior BMGT majors with 100 hours completed. All others must have authorization. 3 credits

0101 (06259) MW..... 8:00am- 9:15am (VMH 1314) STAFF
0201 (06260) MW..... 9:30am-10:45am (VMH 1314) STAFF
0301 (06261) MW.....11:00am-12:15pm (VMH 1314) STAFF
0401 (06262) MW.....12:30pm- 1:45pm (VMH 1314) STAFF
0501 (06263) MW..... 2:00pm- 3:15pm (VMH 1314) STAFF
0601 (06264) MW..... 3:30pm- 4:45pm (VMH 1314) STAFF
0701 (06265) TuTh..... 8:00am- 9:15am (VMH 1314) STAFF
0801 (06266) TuTh..... 9:30am-10:45am (VMH 1314) STAFF
0901 (06267) TuTh.....11:00am-12:15pm (VMH 1314) STAFF
1001 (06268) TuTh.....12:30pm- 1:45pm (VMH 1314) STAFF
1101 (06269) TuTh..... 2:00pm- 3:15pm (VMH 1314) STAFF
1201 (06270) TuTh..... 3:30pm- 4:45pm (VMH 1314) STAFF

BMGT495A Business Policies; Grade Method: REG. *Prerequisites: BMGT 340; and BMGT 350; and BMGT 364.* Special section on small business problems. This course is restricted to BMGT majors with 96 hours completed. All others must have authorization. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm. 3 credits

0101 (06280) Tu..... 3:30pm- 6:10pm (VMH 1207) STAFF

BMGT611 Managerial Accounting I; Grade Method: REG/AUD. *Prerequisite: BMGT 610.* Majors only until the first day of classes. 3 credits

0101 (06292) TuTh.....11:00am-12:15pm (VMH 1207) Bedingfield, J.
0201 (06293) TuTh..... 9:30am-10:45am (VMH 1207) Bedingfield, J.
0301 (06294) TuTh..... 2:00pm- 3:15pm (VMH 1303) Gordon, L.
0401 (06295) W..... 7:00pm- 9:40pm (VMH 1206) Surysekar, K.
0501 (06296) Th..... 6:40pm- 9:10pm (VMH 1206) Gordon, L.

BMGT620 Management Information Systems; Grade Method: REG/AUD. Majors only until the first day of class. 3 credits

0101 (06308) M..... 7:00pm- 9:40pm (VMH 1207) Alavi, M.
0201 (06309) Tu..... 7:00pm- 9:40pm (VMH 1202) Wheeler, B.

BMGT631 Operations Research and Management; Grade Method: REG/AUD. *Prerequisite: BMGT 630.* Majors only until the first day of classes. 3 credits

0101 (06319) TuTh..... 3:30pm- 4:45pm (VMH 1202) Bodin, L.
0201 (06320) MW..... 2:00pm- 3:15pm (VMH 1307) Gass, S.
0301 (06321) TuTh.....12:30pm- 1:45pm (VMH 1203) Bodin, L.

BMGT640 Financial Management; Grade Method: REG/AUD. *Prerequisites: BMGT 610; and BMGT 630.* Majors only until the first day of classes. 3 credits

0101 (06331) MW..... 2:00pm- 3:15pm (VMH 1207) Senbet, L.
0201 (06332) MW.....11:00am-12:15pm (VMH 1207) Pichler, P.
0301 (06333) MW..... 3:30pm- 4:45pm (VMH 1203) Bradford, W.

BMGT650 Marketing Management; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06345) TuTh..... 2:00pm- 3:15pm (VMH 1202) Krapfel, R.
0201 (06346) TuTh.....12:30pm- 1:45pm (VMH 1202) Bishal, G.
0301 (06347) TuTh..... 9:30am-10:45am (VMH 1206) Bishal, G.

BMGT660 Management and Organizational Behavior; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06357) Tu..... 7:00pm- 9:40pm (VMH 1207) Locke, E.
0201 (06358) W..... 7:00pm- 9:40pm (VMH 1303) Gannon, M.

BMGT661 Human Resource Management; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06368) TuTh..... 9:30am-10:45am (VMH 1203) Carroll, S.

BMGT671 Managerial Economics; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06380) MW.....11:00am-12:15pm (VMH 1202) Windle, R.
0201 (06381) MW..... 9:30am-10:45am (VMH 1202) Windle, R.
0301 (06382) MW.....11:00am-12:15pm (VMH 1203) Grimm, C.
0401 (06383) M..... 6:30pm- 9:10pm (VMH 1203) Grimm, C.
0501 (06384) Th..... 6:30pm- 9:10pm (VMH 1203) Scherage, C.

BMGT680 Business and Public Policy; Grade Method: REG/AUD. *Prerequisite: BMGT 670.* Majors only until the first day of classes. 3 credits

0101 (06394) Tu..... 7:00pm- 9:40pm (VMH 1303) Stockdale, D.
0201 (06395) Th..... 7:00pm- 9:40pm (VMH 1307) Stockdale, D.
0301 (06396) W..... 7:00pm- 9:40pm (VMH 1207) STAFF

BMGT682 Business Law for Managers; Grade Method: REG/AUD. *Prerequisite: permission of department.* Majors only until the first day of classes. 3 credits

0101 (06406) TuTh..... 2:00pm- 3:15pm (VMH 1207) Leete, B.

BMGT690 Strategic Management; Grade Method: REG/AUD. *Prerequisites: permission of department; and completion of all other MBA core courses before registering for this course.* Majors only until the first day of classes. 3 credits

0101 (06416) TuTh..... 9:30am-10:45am (VMH 1202) Smith, K.
0201 (06417) TuTh.....11:00am-12:15pm (VMH 1202) Smith, K.
0301 (06418) MW..... 2:00pm- 3:15pm (VMH 1202) Gupta, A.
0401 (06419) MW..... 3:30pm- 4:45pm (VMH 1207) Gupta, A.

BMGT726 Distributed Data Processing; Grade Method: REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes. 3 credits

0101 (06439) M..... 7:00pm- 9:40pm (VMH 1206) Yao, S.

BMGT727 Security and Control of Information Systems; Grade Method: REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes. 3 credits

0101 (06449) Tu..... 7:00pm- 9:40pm (VMH 1206) Campbell, J.

BMGT733 Managerial Statistics II; Grade Method: REG/AUD. *Prerequisite: BMGT 630 or equivalent.* Majors only until the first day of classes. 3 credits

0101 (06459) W..... 7:00pm- 9:40pm (VMH 1307) STAFF

BMGT741 Advanced Financial Management; Grade Method: REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. 3 credits

0101 (06469) M..... 7:00pm- 9:40pm (VMH 1202) Senbet, L.

BMGT743 Investment Management; Grade Method: REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. 3 credits

0101 (06489) TuTh..... 3:30pm- 4:45pm (VMH 1203) Chen, S.

BMGT744 Futures Contracts and Options Management; Grade Method: REG/AUD. *Prerequisites: BMGT 640.* Majors only until the first day of classes. 3 credits

0101 (06499) Th..... 7:00pm- 9:40pm (VMH 1207) Chang, E.

BMGT745 Financial Institutions Management; Grade Method: REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. 3 credits

0101 (06509) W..... 6:30pm- 9:20pm (VMH 1203) Unal, H.
0201 (06510) MW.....12:30pm- 1:45pm (VMH 1202) Unal, H.

BMGT746 International Financial Management; Grade Method: REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. 3 credits

0101 (06520) Tu..... 6:30pm- 9:10pm (VMH 1203) Eun, C.

BMGT752 Marketing Research Methods; Grade Method: REG/AUD. *Prerequisites: BMGT 630; and BMGT 650.* Majors only until the first day of classes. 3 credits

0101 (06530) MW..... 3:30pm- 4:45pm (VMH 1202) Ali, A.
0201 (06531) Th..... 7:00pm- 9:40pm (VMH 1314) Seshadri, S.

BMGT753 International Marketing; Grade Method: REG/AUD. *Prerequisite: BMGT 650.* Majors only until the first day of classes. 3 credits

0101 (06541) TuTh.....12:30pm- 1:45pm (VMH 1307) Greer, T.

BMGT761 Problems and Applications in Human Resource Management; Grade Method: REG. *Prerequisite: BMGT 661.* Majors only until the first day of classes. 3 credits

0101 (06551) M..... 7:00pm- 9:40pm (VMH 1311) Olian, J.

BMGT765 Organizational Behavior: A Multicultural Perspective; Grade Method: REG/AUD. *Prerequisite: BMGT 660.* Majors only until the first day of classes. 3 credits

0101 (06561) Tu..... 7:00pm- 9:40pm (VMH 1407) Gannon, M.

BMGT780 New Venture Creation; Grade Method: REG/AUD. *Prerequisite: completion of MBA core requirements or permission of department.* Majors only until the first day of classes. 3 credits

0101 (06571) M..... 7:00pm- 9:40pm (VMH 1202) Kinlein, B.

BMGT782 Corporate Venturing and Intrepreneurship; Grade Method: REG/AUD. *Prerequisite: completion of MBA core or permission of department.* Majors only until the first day of classes. 3 credits

0101 (06581) Th..... 7:00pm- 9:40pm (VMH 1311) Alterowitz, R.

BMGT783 Managerial Staffing; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06591) M..... 7:00pm- 9:40pm (VMH 1314) Stevens, C.

BMGT791 (PermReq) MBA Field Project; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department.* Majors only until the first day of classes. Students may register only with written permission of course coordinator. 3 credits

BMGT794 The Environment of International Business; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06683) W..... 7:00pm- 9:40pm (VMH 1407) Scherage, C.

BMGT795 Management of the Multinational Firm; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06693) MW..... 2:00pm- 3:15pm (VMH 1311) Gupta, A.

BMGT798A Special Topics in Business and Management: Advanced Topics in Linear Programming; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06703) M..... 5:00pm- 7:40pm (VMH 1311) Gass, S.

BMGT798B Special Topics in Business and Management: Franchising; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06713) Tu..... 7:00pm- 9:40pm (VMH 1311) Sherman, A.

BMGT798C Special Topics in Business and Management: Auditing; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06723) Th..... 7:00pm- 9:40pm (VMH 3441) STAFF

BMGT798D Special Topics in Business and Management: Total Quality Management; Grade Method: REG/AUD. Majors only until the first day of classes. 3 credits

0101 (06733) Tu..... 7:00pm- 9:40pm (VMH 1314) STAFF

BMGT798E Special Topics in Business and Management: Manufacturing Strategies and Operations; Grade 3 credits

Method: REG/AUD. Majors only until the first day of classes.
0101 (06743) Th..... 7:00pm- 9:40pm (VMH 1303) Assad, A.

BMGT798F Special Topics in Business and Management: Entrepreneurship and Intrapreneurship; Grade Method: REG/AUD. Majors only until the first day of classes. — 3 credits
0101 (06753) Tu..... 7:00pm- 9:40pm (VMH 1307) Lamone, R.

BMGT798G Special Topics in Business and Management: Management of Telecommunication Networks; Grade Method: REG/AUD. Majors only until the first day of classes. — 3 credits
0101 (06763) W..... 6:00pm- 8:45pm (VMH 3327) Ball, M.

BMGT798I Special Topics in Business and Management: Advanced Logistics; Grade Method: REG/AUD. Majors only until the first day of classes. — 3 credits
0101 (06773) M..... 7:00pm- 9:40pm (VMH 1307) Evers, P.

BMGT798J Special Topics in Business and Management: International Logistics and Transportation; Grade Method: REG/AUD. Majors only until the first day of classes. — 3 credits
0101 (06783) Tu..... 7:00pm- 9:40pm (VMH 3441) Dresner, M.

BMGT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. Restricted to graduate business majors. — 1-6 credits

BMGT808A Doctoral Seminar: Introduction to Accounting Research; Grade Method: REG/AUD. Majors only until the first day of classes. — 3 credits
0101 (06877) F.....10:00am-12:40pm (VMH 4439) LaClere, M.

BMGT808C Doctoral Seminar: Consumer Behavior; Grade Method: REG/AUD. Majors only until the first day of classes. — 3 credits
0101 (06887) M..... 3:30pm- 6:10pm (VMH 3441) Lefkoff, R.

BMGT808E Doctoral Seminar: Transportation Strategies; Grade Method: REG/AUD. Majors only until the first day of classes. — 3 credits
0101 (06897) W..... 3:00pm- 5:40pm (VMH 3327) Corsi, T.

BMGT811 Seminar in Financial Accounting; Grade Method: REG/AUD. *Prerequisite: BMGT 710 or equivalent.* Majors only until the first day of classes. — 3 credits
0101 (06907) Tu..... 3:00pm- 5:40pm (VMH 3327) Thompson, R.

BMGT814 Current Problems of Professional Practice; Grade Method: REG/AUD. Majors only until the first day of classes. — 3 credits
0101 (06917) M..... 3:00pm- 5:40pm (VMH 3327) Loeb, S.

BMGT828 Independent Study in Business and Management; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. MBA students may register only with written permission of Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies. Restricted to graduate business majors. — 1-9 credits

BMGT831 Operations Research: Extension of Linear Programming and Network Analysis; Grade Method: REG/AUD. *Prerequisite: BMGT 830 or equivalent; or permission of department.* Majors only until the first day of classes. — 3 credits
0101 (07013) W..... 4:00pm- 6:40pm (VMH 4439) Golden, B.

BMGT835 Simulation of Discrete-Event Systems; Grade Method: REG/AUD. *Prerequisites: Knowledge of Fortran, Basic, C, or Pascal; and BMGT 630 or equivalent.* Majors only until the first day of classes. — 3 credits
0101 (07023) W..... 7:00pm- 9:40pm (VMH 1314) Fu, M.

BMGT843 Seminar in Portfolio Theory; Grade Method: REG/AUD. *Prerequisite: permission of department.* Majors only until the first day of classes. — 3 credits
0101 (07033) W..... 2:00pm- 4:40pm (VMH 1407) Madan, D.

BMGT861 Seminar in Performance Appraisal and Training; Grade Method: REG/AUD. *Prerequisite: BMGT 660 or permission of department.* Majors only until the first day of classes. — 3 credits
0101 (07043) Tu..... 3:30pm- 6:10pm (VMH 3441) Taylor, M.

BMGT864 Seminar in Leadership; Grade Method: REG/AUD. *Prerequisite: BMGT 660 or equivalent.* Majors only until the first day of classes. — 3 credits
0101 (07053) M..... 2:00pm- 4:40pm (VMH 1407) Sims, H.

BMGT883 Applied Multivariate Analysis II; Grade Method: REG/AUD. *Prerequisite: BMGT 882.* Majors only until the first day of classes. — 3 credits
0101 (07063) Th..... 3:30pm- 6:10pm (VMH 3441) Kotz, S.

BMGT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. — 1-6 credits

BOTN Botany (Life Sciences)

BOTN104 Plant Biology for Non-Science Students; Grade Method: REG/P-F/AUD. *For non-science majors only. Not open to students who have completed BIOL 105. Formerly BOTN 100.* Approved CORE Distributive Studies Life Science Laboratory Course only when taken concurrently with BOTN 105. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with BOTN 105, course may be counted as USP Area B Lab Science Course. — 3 credits
1001 (07206) MWF.....10:00am-10:50am (HJP 0226) STAFF
2001 (07207) TuTh.....11:00am-12:15pm (HJP 0226) Gantt, E.
3001 (07208) TuTh..... 2:00pm- 3:15pm (HJP 0226) Patterson, G.

BOTN105 Laboratory in Plant Biology; Grade Method: REG/P-F/AUD. *Pre- or corequisite: BOTN 104. For non-science majors only.* Approved CORE Distributive Studies Life Science Laboratory Course only when taken concurrently with BOTN 104. — 1 credit
1101 (07218) M.....12:00pm- 3:00pm (HJP 3127) Lab STAFF
1102 (07219) M.....12:00pm- 3:00pm (HJP 3104) Lab STAFF
1105 (07220) M..... 3:00pm- 6:00pm (HJP 3104) Lab STAFF
1106 (07221) M..... 3:00pm- 6:00pm (HJP 3127) Lab STAFF
1107 (07222) M..... 6:00pm- 9:00pm (HJP 3104) Lab STAFF
1108 (07223) Tu..... 9:00am-12:00pm (HJP 3127) Lab STAFF
1109 (07224) Tu.....12:00pm- 3:00pm (HJP 3104) Lab STAFF
1112 (07226) Tu..... 3:00pm- 6:00pm (HJP 3104) Lab STAFF
1114 (07227) Tu..... 6:00pm- 9:00pm (HJP 3104) Lab STAFF
1115 (07228) W..... 9:00am-12:00pm (HJP 3104) Lab STAFF
1116 (07229) W.....12:00pm- 3:00pm (HJP 3104) Lab STAFF
1117 (07230) W.....12:00pm- 3:00pm (HJP 3127) Lab STAFF
1119 (07231) W..... 3:00pm- 6:00pm (HJP 3104) Lab STAFF
1120 (07232) W..... 3:00pm- 6:00pm (HJP 3127) Lab STAFF
1121 (07233) W..... 6:00pm- 9:00pm (HJP 3127) Lab STAFF
1122 (07234) Th..... 9:00am-12:00pm (HJP 3104) Lab STAFF
1127 (07235) Th..... 3:00pm- 6:00pm (HJP 3104) Lab STAFF
1129 (07237) F..... 9:00am-12:00pm (HJP 3104) Lab STAFF

BOTN123 Causes and Implications of Global Change; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. *Also offered as GEOG 123, GEOL 123, and METO 123. Credit will be granted for only one of the following: BOTN 123, GEOG 123, GEOL 123, or METO 123.* — 3 credits
0101 (07248) MWF..... 2:00pm- 2:50pm (HJP 2242) Koines, P.

BOTN211 Ecology and Mankind; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits
0101 (07258) MWF.....11:00am-11:50am (HJP 2242) Koines, P.
0201 (07259) MWF.....10:00am-10:50am (HJP 2242) Bean, G.

BOTN212 Plant Taxonomy; Grade Method: REG/P-F/AUD. *Prerequisite: BIOL 105 or permission of department.* — 4 credits
0101 (07269) MW..... 9:00am- 9:50am (HJP 2242) Reveal, J.
MW.....10:00am-12:00pm (HJP 1105) Lab
0102 (07270) MW..... 9:00am- 9:50am (HJP 2242) Reveal, J.
MW.....12:00pm- 2:00pm (HJP 1105) Lab
0103 (07271) MW..... 9:00am- 9:50am (HJP 2242) Reveal, J.
TuTh.....10:00am-12:00pm (HJP 1105) Lab

BOTN315 Plants of Economic Importance; Grade Method: REG/P-F/AUD. *Recommended: BOTN 104 or BIOL 105 , or permission of department.* — 3 credits
0101 (07281) MWF.....10:00am-10:50am (HJP 1216) Barnett, N.

BOTN379 (PermReq) Honors Research Problems in Botany; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN398 Seminar; Grade Method: REG/P-F/AUD. — 1 credit
0101 (07315) Tu..... 2:00pm- 2:50pm (HJP 1229) Koines, P.

BOTN399 (PermReq) Research Problems in Botany; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN405 Advanced Plant Taxonomy; Grade Method: REG. *Prerequisite: BOTN 202; and BOTN 212, or equivalent.* — 3 credits
0101 (07351) TuTh..... 2:00pm- 2:50pm (HJP 1105) Reveal, J.
F..... 1:00pm- 4:00pm (HJP 1105) Lab

BOTN411 Evolutionary Biology of Plants; Grade Method: REG/P-F/AUD. *Prerequisite: BOTN 202 or equivalent.* — 3 credits
0101 (07361) TuTh.....10:00am-11:15am (HJP 1229) Dudash, M.

BOTN414 Plant Genetics; Grade Method: REG/P-F/AUD. *Prerequisite: BIOL 105. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274.* This course is co-taught by Dr. Bottino and Drs. David Straney and John Watson. — 3 credits
0101 (07371) MWF..... 3:00pm- 3:50pm (HJP 1229) Bottino, P.

BOTN420 Cell Biology; Grade Method: REG/P-F/AUD. *Prerequisites: ZOOL 211 and CHEM 233. Also offered as ZOOL 411. Credit will be granted for only one of the following: BOTN 420 or ZOOL 411.* — 4 credits
0101 (07381) TuTh..... 8:00am- 9:15am (ZOP 1243) Wolniak, S.
Tu..... 1:00pm- 5:00pm (ZOP 2257) Lab
0102 (07382) TuTh..... 8:00am- 9:15am (ZOP 1243) Wolniak, S.
W..... 1:00pm- 5:00pm (ZOP 2257) Lab

BOTN424 Pathogenic Bacteria and Fungi of Plants; Grade Method: REG/P-F/AUD. *Prerequisite: BOTN 321 or permission of department.* — 4 credits
0101 (07393) MWF.....10:00am-10:50am (HJP 1229) Straney, D.
Th..... 1:00pm- 4:00pm (HJP 2230) Lab

BOTN462 Plant Ecology; Grade Method: REG/P-F/AUD. *Prerequisite: BIOL 105.* — 2 credits
0101 (07403) TuTh..... 9:00am- 9:50am (HJP 2242) Forseth, I.

BOTN483 Ecology of Marsh and Dune Vegetation; Grade Method: REG/P-F/AUD. *Prerequisite: BIOL 105.* — 2 credits
0101 (07413) TuTh.....10:00am-10:50am (HJP 2242) Koines, P.

BOTN484 Plant Ecology Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: BOTN 462 or equivalent.* — 2 credits
0101 (07423) Tu..... 1:00pm- 4:00pm (HJP 1125) Lab STAFF
0102 (07424) W..... 1:00pm- 4:00pm (HJP 1125) Lab STAFF
0103 (07425) Th..... 1:00pm- 4:00pm (HJP 1125) Lab STAFF
0104 (07426) F..... 1:00pm- 4:00pm (HJP 1125) Lab STAFF

BOTN631 Epidemiology and Management of Plant Disease; Grade Method: REG/AUD. *Prerequisite: BOTN 321 or equivalent. Formerly BOTN 421.* — 3 credits
0101 (07436) MWF..... 8:00am- 8:50am (HJP 1229) Grybauskas, A.

BOTN632 (PermReq) Plant Virology; Grade Method: REG. *Prerequisite: permission of both department and instructor.* — 2 credits
0101 (07446) MW..... 1:00pm- 1:50pm (HJP 2230) Culver, J.

BOTN634 (PermReq) Plant Virology Laboratory; Grade Method: REG. *Prerequisites: bachelor's degree in any biological science or equivalent and permission of both department and instructor. Pre- or corequisite: BOTN 632.* — 2 credits
0101 (07456) MW..... 2:00pm- 3:50pm (HJP 2230) Lab Culver, J.

BOTN636 Plant Nematology; Grade Method: REG/AUD. *Prerequisite: BOTN 221 or permission of both department and instructor.* — 4 credits
0101 (07466) TuTh..... 9:00am- 9:50am (HJP 2226) Krusberg, L.
TuTh.....10:00am-11:50am (HJP 2226) Lab

BOTN650 Nutrition and Transport in Plants; Grade Method: REG/AUD. *Prerequisite: BOTN 441.* — 2 credits
0101 (07476) TuTh..... 9:00am- 9:50am (HJP 1229) Barnett, N.

BOTN653 Plant Ecological Genetics; Grade Method: REG/AUD. *Prerequisite: BIOL 222, BOTN 411 or ZOOL 440 or permission of instructor.* — 3 credits
0101 (07486) W..... 2:00pm- 4:30pm (HJP 1216) Fenster, C.

BOTN662 Physiological Plant Ecology; Grade Method: REG/AUD. *Prerequisite: BOTN 462 or equivalent.* — 2 credits
0101 (07496) TuTh..... 1:00pm- 1:50pm (HJP 1229) Sullivan, J.

BOTN685 Advanced Plant Physiology Laboratory; Grade Method: REG/AUD. *Prerequisite: BOTN 441.* — 2 credits
0101 (07506) Th..... 1:00pm- 1:50pm (HJP 1216) Sze, H.
Th..... 2:00pm- 6:00pm (Arranged) Lab

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD. — 1 credit
0101 (07516) W..... 4:00pm- 4:50pm (HJP 2242) Krusberg, L.

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD. — 1 credit
0101 (07526) Tu.....12:00pm-12:50pm (HJP 1216) Barnett, N.

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD. — 1 credit
0101 (07536) Th..... 4:00pm- 4:50pm (HJP 1216) Fenster, C.

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD. — 1 credit
0101 (07546) W..... 9:00am- 9:50am (HJP 1216) Cooke, T.

BOTN699A (PermReq) Special Problems in Botany: Cell Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699B (PermReq) Special Problems in Botany: Pathology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699C (PermReq) Special Problems in Botany: Physiology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699D (PermReq) Special Problems in Botany: Ecology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699E (PermReq) Special Problems in Botany: Mycology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699F (PermReq) Special Problems in Botany: Morphology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699J (PermReq) Special Problems in Botany: Genetics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699K (PermReq) Special Problems in Botany: Molecular Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699N (PermReq) Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BOTN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

BSOS Behavioral and Social Sciences (Behavioral and Social Sciences)

BSOS346 (PermReq) Internship in Political Institutions: State and Local Government; Grade Method: REG. *Prerequisite: permission of department.* There will be a cost for a two-day retreat with this course. — 3-6 credits
0101 (07681) M..... 5:00pm- 5:00pm (ASV 3203) Sorenson, G.
Time and room to be arranged Dis

BSOS356 (PermReq) Internship in Political Institutions: Federal and International; Grade Method: REG. *Prerequisite: permission of department.* There will be a cost for a two-day retreat associated with this course. — 3-6 credits
0101 (07691) M..... 5:00pm- 5:00pm (ASV 3203) Sorenson, G.
Time and room to be arranged Dis

BSOS359A Contemporary Issues in Political Leadership and Participation: The Role of the Media in the American Political Process; Grade Method: REG. — 3 credits
0101 (07701) M..... 7:30pm- 9:00pm (Arranged) Miranda, R.

BSOS359B Contemporary Issues in Political Leadership and Participation: Survey of American Social Movements; Grade Method: REG. — 3 credits
0101 (07711) M..... 5:30pm- 7:00pm (TYD 0101) Gerber, R.
Time and room to be arranged Lab

BSOS359C Contemporary Issues in Political Leadership and Participation: The Role of Advocacy in the Political Process; Grade Method: REG/P-F/AUD. — 3 credits
0101 (07721) M..... 3:00pm- 4:30pm (LEF 1222) Evans, G.
Time and room to be arranged Dis

BSOS359D (PermReq) Contemporary Issues in Political Leadership and Participation: Presidential Leadership Styles; Grade Method: REG/P-F/AUD. — 3 credits
0101 (07731) M..... 2:00pm- 4:30pm (ANA 0120) Burns, J.

BSOS366 (PermReq) Internship in Community Service Organizations; Grade Method: REG. *Prerequisite: permission of department.* There will be a cost for a two-day retreat associated with this course. — 3-6 credits
0101 (07741) M..... 3:00pm- 5:00pm (ASV 3203) Smith, M.
Time and room to be arranged Dis

BSOS386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

BSOS396 (PermReq) Fellowship Program in Political Leadership; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department and acceptance of full-time fellowship program. Corequisite: BSOS 346, BSOS 356 or BSOS 366.* — 3-6 credits

BSOS399 (PermReq) Directed Study in Behavioral and Social Sciences; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CCJS Criminology and Criminal Justice (Behavioral and Social Sciences)

CCJS100 Introduction to Criminal Justice; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Formerly CJUS 100.* — 3 credits
0101 (07805) TuTh.....11:00am-12:15pm (LEF 2205) Freeman, R.
0201 (07806) MWF.....12:00pm-12:50pm (SHM 2102) STAFF

CCJS105 Introduction to Criminology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Formerly CRIM 220.* — 3 credits
0101 (07816) MWF.....11:00am-11:50am (SHM 2101) Mazerolle, P.
0201 (07817) TuTh..... 9:30am-10:45am (JMZ 0220) Rogan, P.
0301 (07818) MWF..... 9:00am- 9:50am (SHM 2102) Mazerolle, P.

CCJS109 Freshman Seminar: Crime and Public Policy; Grade Method: REG. — 3 credits
01*1 (07828) MWF..... 9:00am- 9:50am (TYD 1108) Wellford, C.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

CCJS230 Criminal Law in Action; Grade Method: REG/P-F/AUD. *Formerly CJUS 230.* — 3 credits
0101 (07838) TuTh..... 9:30am-10:45am (SHM 2102) Russell, K.

CCJS234 Law of Criminal Investigation; Grade Method: REG/P-F/AUD. *Prerequisite: CCJS 230. Formerly CJUS 234.* — 3 credits
0101 (07848) TuTh..... 8:00am- 9:15am (SHM 2102) Johnston, D.

CCJS288S Special Topics in Law and Justice: Statistics for Criminal Justice and Criminology; Grade Method: REG. Prerequisite: CCJS 105. — 3 credits
0101 (07858) TuTh..... 9:30am-10:45am (TYD 0117) Paternoster, R.

CCJS300 Criminological and Criminal Justice Research Methods; Grade Method: REG/P-F/AUD. *Prerequisites: CCJS 100 and CCJS 105, and one of the following: SOCY 201, PSYC 200, ECON 321, BMGT 230, EDMS 451, or GVPT 422. Formerly CJUS 300.* — 3 credits
0101 (07868) MWF.....10:00am-10:50am (TYD 1101) Brooks, L.
0201 (07869) MWF..... 1:00pm- 1:50pm (TYD 1101) Brooks, L.
0301 (07870) TuTh.....12:30pm- 1:45pm (LEF 1210) McDowall, D.
0401 (07871) MWF..... 1:00pm- 1:50pm (TYD 1102) Polsenberg, C.
0501 (07872) MWF.....10:00am-10:50am (LEF 2166) Polsenberg, C.

CCJS320 Introduction to Criminalistics; Grade Method: REG/P-F/AUD. *Prerequisite: CCJS 234. Formerly CJUS 320.* — 3 credits
0101 (07882) MW..... 6:00pm- 7:15pm (LEF 2205) Mauriello, T.
MW..... 6:00pm- 7:15pm (LEF 0206) Lab
0201 (07883) MW..... 7:30pm- 8:45pm (LEF 2205) Mauriello, T.
MW..... 7:30pm- 8:45pm (LEF 0206) Lab

CCJS330 Contemporary Criminological Issues; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: CCJS 105. Formerly CRIM 330.* — 3 credits
0101 (07895) MWF.....11:00am-11:50am (WDS 1114) Loftin, C.

CCJS331 Contemporary Legal Policy Issues; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social — 3 credits

Course Listings Continued on page 60

The Great Taste of Chicago in College Park

Charbroiled Chicken
Pasta
Gourmet Salads

Hawthorne's
Chicago Eatery

Chicago Beef & Sausage
Wings
Best Burgers & Fries

8145 Baltimore Boulevard
Campus Village Shops
(Behind Town Hall)
Mon.-Sat. 11am-10pm; Sun. 12pm-7pm

COLD BEER ON TAP EVERY NIGHT!
Drafts only 50¢ with any sandwich or salad order
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New Menu Items
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$1 OFF!
Any salad or sandwich order
Expires 12/15/93
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2 for 1
2 Orders of Windy City Wings for the price of 1
Expires 12/15/93
Not valid with any other offer.

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WE DELIVER! 441-3321

Rotisserie Chicken Roasted All Day

Yogurt Jungle
JUNGLE TERP

AMAZING No-Fat Muffins
178 Calories 5.5 oz

New York Bagels freshly baked from H&H, NY
"Hot" Buy a bakers dozen!

Gourmet Deli
- Big Sandwiches &
- Salads
- Homemade Soups
- Fresh Fruits & Veggies

Muffin Mondays 99¢
Small Yogurt/ Ice Cream or Muffin
2-9 Mondays

TRY OUR FAMOUS JUNGLE CAESAR SALAD
We Proudly Serve:
Non-Fat Colombo • Je' Mari's
Haagen Dazs • Non-Fat Hot Fudge

Buy any Sandwich or Salad - Get 1 Frozen Yogurt *Free* ($4 Min)
This coupon not valid with any other offer. Expires 11/30/93

Campus Village Shoppes
Call for flavors of the day
441-3533
Route 1
Across from McDonalds, Behind Town Hall Liquors

Free
Freshly baked loaf of French Bread with purchase of Whole Chicken
This coupon not valid with any other offer. Expires 11/30/93

Tel-UM Information System

Tel-Um Tape Number and Subject
314-INFO

QUESTIONS ABOUT UMCP?

- Call TEL-UM for answers to the most commonly asked questions about the University. TEL-UM offers easily accessible information and referral to the appropriate person or office for follow-up.

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240	Academic Achievement
196	Academic Dishonesty
475	Academic Integrity
214	Aerospace Engineering
485	After Hours Care
211	Agricultural Engineering
263	Alumni Association
333	Anxiety and Possible Ways to Cope With It
151	Application for Summer Session
345	Becoming Independent from Parents
185	Bicycles, Mopeds, and Motorcycles
152	Billing Information - Bursar
212	Biology 105
213	Biology 106
176	Board Plan Options
471	Book Center
237	CCJS
204	CLEP
197	CORE
238	CRIM 107
482	Candidate Referral Program
186	Car Pooling
496	Career Center - General Information
497	Career Resource Center - Service Hours
265	Center or Minorities in Science and Engineering
478	Central Judicial Board
133	Changing Your Major
469	Chapel Weddings
154	Check Distribution
217	Chemical Engineering
216	Chemistry 103
215	Chemistry/Biochemistry
132	Choosing a Major
21g	Civil Engineering
188	Community Service Programs
189	Community Service Volunteer ProgramsOpportunities
167	Commuter Affairs
332	Coping with Shyness
336	Coping with Stress
488	Counseling Center
481	Credentials Service
200	Credit by Examination
339	Death and Dying
342	Early Signs of an Alcohol Problem
175	Eating on Campus
220	Electrical Engineering
247	Engineering Research Center
245	Engineering COOP Program
269	Engineering Student Organizations
480	Experiential Learning Programs
157	Financial Aid Deadlines and Critical Dates
233	Fire Protection Engineering
304	Fraternities and Sororities
203	GMAT
202	GMAT
206	GRE
222	GVPT 170
246	General Engineering Information
355	Glass Onion Concert
101	Graduate Application Process
212	Graduate Psychology Information
490	HIV/AIDS Testing
486	Health Center Information
113	Health Professions: Nursing, Pharmacy, and Allied Professions
341	Helping a Friend
114	Honors Programs
156	How to Apply for Financial Aid
155	How to Contact Financial Aid
344	How to Deal with Depression
335	How to Handle Fears
334	How to Deal with Loneliness
248	Institute for Systems Research
249	Instructional Television
320	Intercollegiate Athletics
266	International Engineering Programs
224	Journalism - Graduate
225	Journalism - Undergraduate
223	Journalism Clubs
221	Journalism Special Events
130	Letters & Sciences Advising
207	LSAT
131	Law and Health Professions Advising
236	Materials, Nuclear and Engineering Reliability
227	Math 001
250	Math 002
228	Math 110
255	Math 220
234	Mechanical Engineering
491	Men's Health Clinic
487	Mental Health Service
231	Music Courses for Non-Majors
205	NTE
194	Non-Academic Misconduct Housing
120	Orientation Services for Freshmen
161	On-Campus Housing: Specialty
160	On-Campus Housing: Resident Life Services
162	On-Campus Housing: Graduate Housing
498	On-Campus Recruiting Program (OCRP)
166	On Campus Housing: Signing a Lease
165	On Campus Housing
477	Non-Academic Misconduct
201	Orientation Services for Freshmen
182	Parking
183	Parking Tickets and Appeal Process
495	Pregnancy Testing
348	Protecting Yourself and Your Property
187	Public Transportation
331	Re-examining my Values
181	Registering your Car
142	Registration Procedure or Students who Cannot Attend Orientation
141	Registration Procedures - Armory
144	Registration - Changes in Registration
473	Religious Services
343	Responsible Decisions about Drinking
350	SEE Productions
243	SOCY 100
353	Stamp Union Program Council - Upcoming Events
352	Stamp Union Program Council - General Information
354	SUPC Members Information
143	Schedule Adjustment after the Tenth Day
488	Sexual Assault Service
181	Shuttle UM
499	Special Events, Programs, Workshops
112	Special Requirements - College of Engineering
235	Speech 107
356	Spotlight Performances
470	Stamp Student Union Ticket Office
153	Student Fee Refunds
479	Student Honor Council
145	Student I. D. Cards
493	Substance Abuse Programs
346	Suicidal Crisis
208	Testing Services
337	The Female Sex Role: Changes and Stress
338	The Male Sex Role: Changes and Stress
103	Transcript Request
134	Transcript Request for University College
180	Transportation Alternatives
100	Undergraduate Admission - Freshmen
107	Undergraduate Admission - Limited-environment
104	Undergraduate Admission - Merit based Scholarships
106	Undergraduate Admission - Special Recruitment Events
102	Undergraduate Admission - Transfer
105	Undergraduate Admission - Re-enrollment
198	Undergraduate Studies Program
340	Understanding Grief
226	Undesignated Engineering
351	University Theater
468	Visitor Center/Services
150	Wait List Check-in
330	When Should I Seek Outside Help for Personal Problems?
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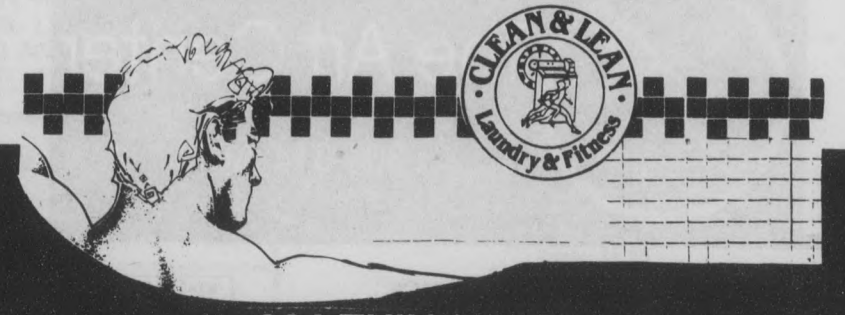

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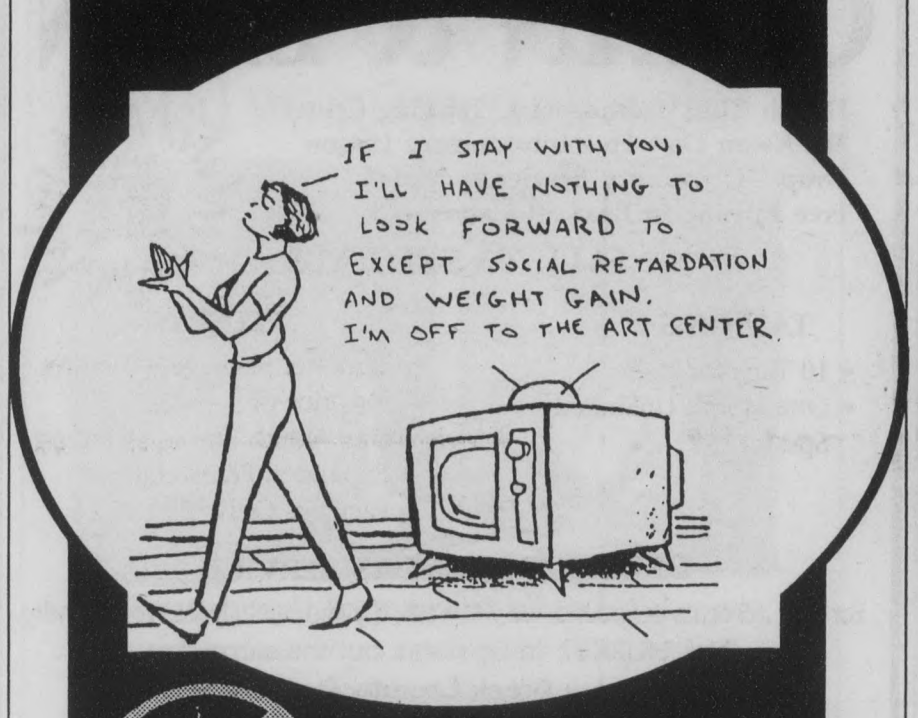

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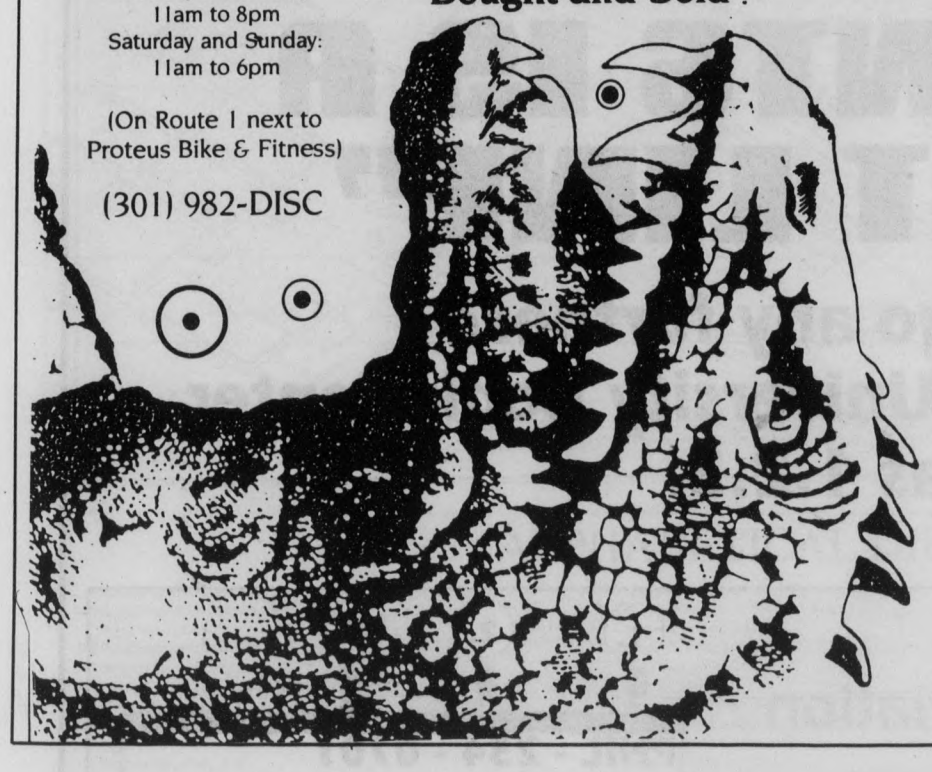

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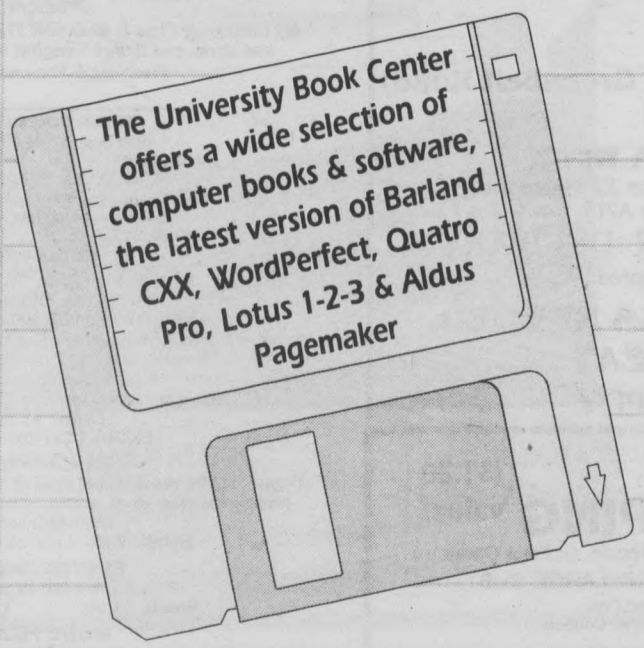

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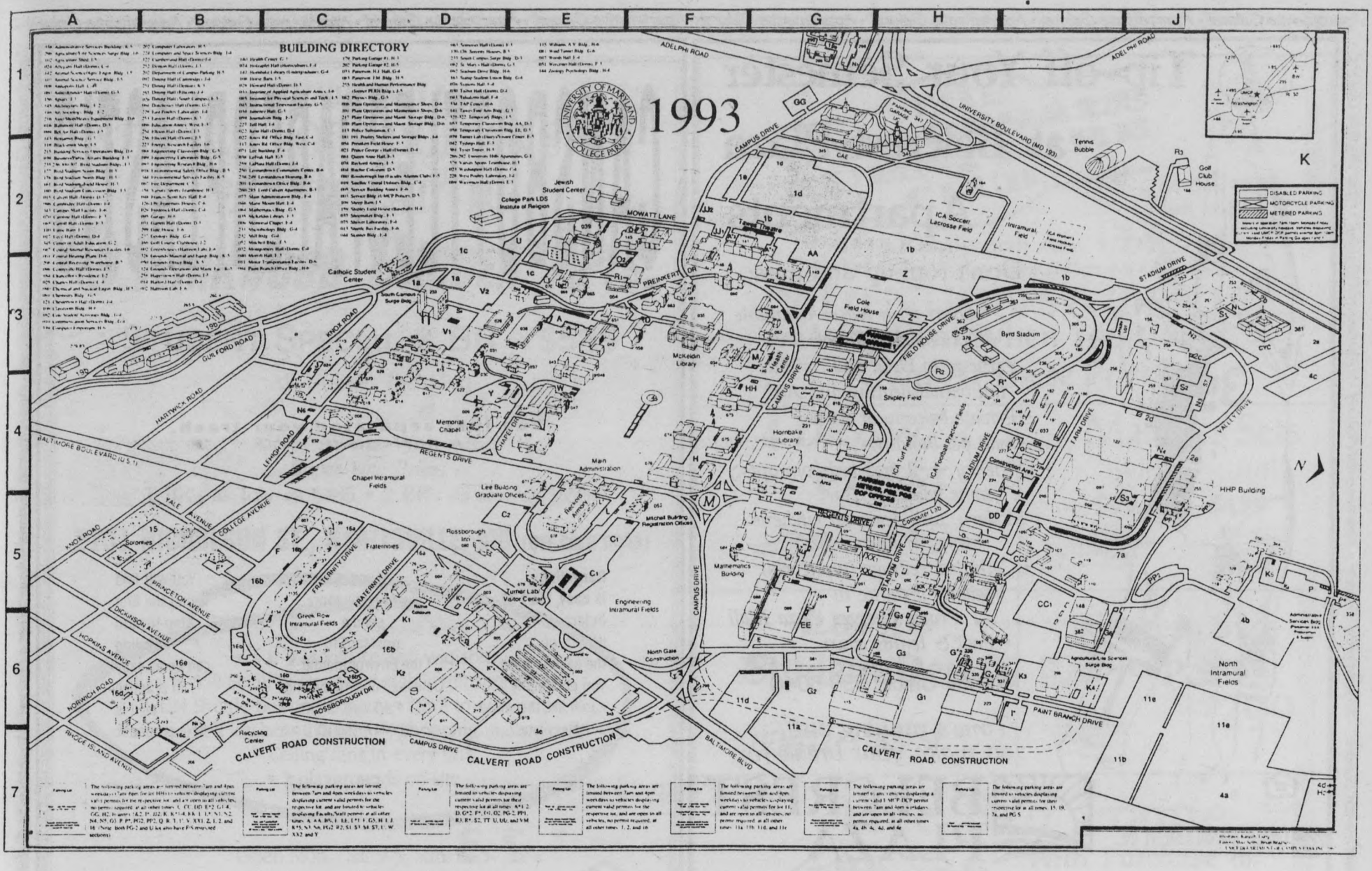

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048 Francis Scott Key Hall E-4
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227 Jull Hall I-4
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250 Leonardtown Community Center B-6
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003 Police Department D-5
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054 Preinkert Fieldhouse F-3
021 Prince Georges Hall (Dorm) D-4
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170-176 Sorority Houses B-5
233 South Campus Surge Bldg D-3
062 St. Mary's Hall (Dorm), (Language House) G-3
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069 Wicomico Hall (Dorm) E-3
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ASA Animal Sciences Annex I-6 104
ANS Animal Sciences Bldg. H-5 142
ANA Anne Arundel Hall (Residence) G-3 060
ALB Astronomy Laboratory Bldg. MET 219
API Apiary J-3 156
ARC Architecture Bldg. F-2 145
ARM Armory (Reckord) E-5 078
ASY Art-Sociology Bldg. F-3 146
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BEB Beef Barn I-5 110
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BRD Byrd Stadium I-3 160
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CAM Cambridge Hall (Residence) I-4 096
CAR Caroline Hall (Residence) E-3 070
CRL Carroll Hall (Residence) E-3 065
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CSS Computer and Space Sciences Bldg. I-4 224
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DEN Denton Hall (Residence) J-3 252
DOR Dorchester Hall (Residence) G-3 064
EAS Easton Hall (Residence) K-3 253
EDA Education Annex E-3 066
EDU Education (Benjamin) G-3 143
ELK Elkton Hall (Residence) J-3 254
ELL Ellicott Hall (Residence) J-3 256
EGL Engineering Laboratory Bldg. (Martin) G-6 089
EGR Engineering Classroom (Martin) G-5 088
EPL East Poultry Lab Bldg. I-4 188
ERB Engineering Research Bldg. H-6 093
FRD Frederick Hall (Residence) C-4 029
GRT Garrett Hall (Residence) D-3 031
GEO Geology Bldg. G-4 237
GLF Golf Range J-2 166
HAG Hagerstown Hall J-3 258
HAR Harrison Lab E-6 002
HRT Hartford Hall (Residence) D-4 014
HOB Horse Barn I-5 108
HBK Hornbake Undergraduate Library G-4 147

HJP H.J. Patterson G-4 073
HHP Health and Human Performance Bldg. J-5 255
HZF Holzapfel Hall F-4 074
HOW Howard Hall (Residence) D-3 028
IPT Inst. Of Physical Sciences and Technology I-5 085
ITV Instructional Television Facility G-5 045
JMP J.M. Patterson Hall H-5 083
JMZ Jimenez Foreign Language G-3 034
JRN Journalism Bldg. F-3 059
JUL Jull Hall I-4 227
KNT Kent Hall (Residence) D-4 022
KEY Francis Scott Key Hall E-3 048
LAM Lab Animal Mgt. Classroom CRF 783
LPA LaPlata Hall (Residence) J-4 259
LEF Lefrak Social Sciences E-3 038
MTH Mathematics Bldg. G-5 084
MCK McKeldin Library F-3 035
MCB Microbiology Bldg. G-4 231
MIL Mill Bldg. G-4 232
MNT Montgomery Hall (Residence) C-4 032
MMH Marie Mount Hall E-4 046
MOR Morrill Hall E-3 040
MPA Business Management\Public Affairs Bldg. E-3 039
PHY Physics Bldg. G-5 082
PKT Preinkert Field House F-3 054

PGG Prince George's Hall (Residence) D-3 021
QAN Queen Anne's Hall (Residence) F-3 061
RIT Ritchie Coliseum D-5 004
SCP South Campus Surge D-3 233
SHB Sheep Barn I-5 109
SHM Shoemaker Bldg. E-3 037
SHR Shriver Lab F-4 075
SKN Skinner Bldg. E-4 044
SOM Somerset Hall (Residence) F-3 063
SDH South Campus Dining Hall E-3 026
STM St. Mary's Hall (Residence) G-3 062
SSU Stamp Student Union G-4 163
SYM Symons Hall F-4 076
TAL Talbot Hall (Residence) D-4 030
TBA To Be Arranged
TLF Taliaferro Hall E-3 043
TUR Turner Lab E-5 079
TYD Tydings Hall E-3 042
TWS Tawes Fine Arts Bldg G-3 141
VMH Van Munching Hall E-3 039
WSH Washingon Hall (Residence) C-4 023
WIC Wicomico Hall (Residence) E-3 069
WDS Woods Hall E-4 047
WTU Wind Tunnel G-6 081
WOR Worcester Hall (Residence) F-3 051
ZOP Zoology-Psychology Bldg. G-4 144

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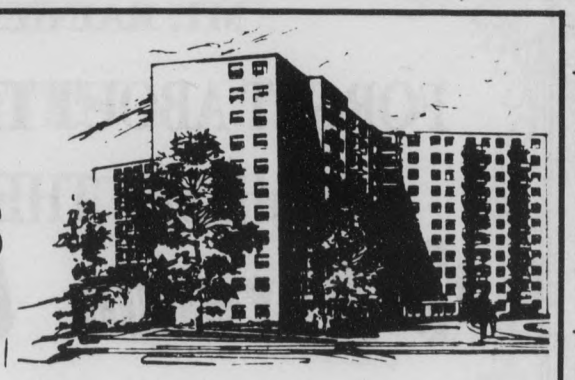

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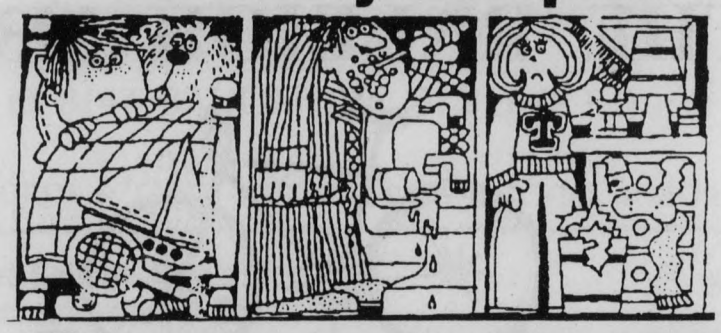

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Ad Council

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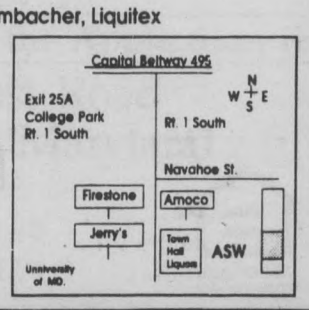

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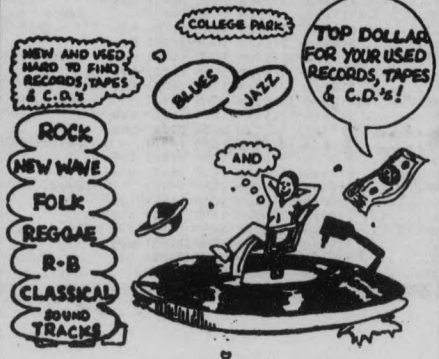

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and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. *Prerequisites: CCJS 230, and CCJS 234 or equivalent. Formerly CJUS 330.*

0101 (07907) MWF.....10:00am-10:50am (TYD 1102) STAFF
0201 (07908) Tu..... 6:00pm- 8:45pm (TYD 1102) Baxter, J.

CCJS340 **Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 100 or equivalent. Formerly CJUS 340.* — 3 credits

0101 (07918) MWF.....12:00pm-12:50pm (SHM 2101) Brooks, L.
0201 (07919) TuTh.....11:00am-12:15pm (SHM 2101) STAFF

CCJS350 **Juvenile Delinquency; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 105. Formerly CRIM 450.* — 3 credits

0101 (07929) TuTh.....11:00am-12:15pm (LEF 1221) STAFF
0201 (07930) TuTh.....11:00am-12:15pm (ARC 0204) STAFF

CCJS359 (PermReq) **Field Training in Criminology and Corrections; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only, and permission of department.** — 1-6 credits

CCJS370 **Race, Crime and Criminal Justice; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 100 or equivalent.* — 3 credits

0101 (07953) TuTh.....12:30pm- 1:45pm (ARM 0112) Russell, K.

CCJS386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor and student's internship sponsor. 56 semester hours.* **Prerequisites: junior standing by August 1993; a 5.2 cumulative GPA; and a grade of "A" in the course in which assisting.** — 3 credits

CCJS389H (PermReq) **Independent Research in Criminology and Criminal Justice; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Honors students only.** — 3 credits

CCJS398 (PermReq) **Law Enforcement Field Training; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: junior standing. Majors only.** — 1-6 credits

CCJS399 (PermReq) **Independent Study in Criminology and Criminal Justice; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits.** — 1-3 credits

CCJS400 **Criminal Courts; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 100 or permission of department. Formerly CJUS 400.* — 3 credits

0101 (08017) MWF..... 8:00am- 8:50am (LEF 2208) Baxter, J.

CCJS451 **Crime and Delinquency Prevention; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 105 or CCJS 350 or permission of department. Formerly CRIM 451.* — 3 credits

0101 (08027) TuTh..... 2:00pm- 3:15pm (SHM 2101) Freeman, R.

CCJS452 **Treatment of Criminals and Delinquents; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 105 or CCJS 350 or permission of department. Formerly CRIM 452.* — 3 credits

0101 (08037) TuTh.....11:00am-12:15pm (SCP 1120) Rogan, D.

CCJS453 **White Collar and Organized Crime; Grade Method: REG/P-F/AUD.** *Prerequisite: CCJS 105 or CCJS 350. Formerly CRIM 456.* — 3 credits

0101 (08047) TuTh..... 2:00pm- 3:15pm (LEF 1201) STAFF

CCJS454 **Contemporary Criminological Theory; Grade Method: REG/P-F/AUD.** *Prerequisites: CCJS 105; and CCJS 350. Formerly CRIM 454.* — 3 credits

0101 (08057) TuTh..... 2:00pm- 3:15pm (TYD 1101) Simpson, S.

CCJS498A **Selected Topics in Criminology and Criminal Justice: Women and Crime; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** — 3 credits

0101 (08067) TuTh.....12:30pm- 1:45pm (LEF 2208) STAFF

CCJS498B **Selected Topics in Criminology and Criminal Justice: Women and Crime; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (08077) W..... 4:00pm- 6:45pm (TYD 1101) STAFF

CCJS498F **Selected Topics in Criminology and Criminal Justice: General Linear Model in Criminal Justice; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (08087) Tu..... 4:00pm- 6:45pm (LEF 1201) McDowall, D.

CCJS610 **Research Methods in Criminal Justice and Criminology; Grade Method: REG/AUD.** *Prerequisite: completion of research methods and statistics requirements for the M.A. Degree. Formerly CRIM 610.* — 3 credits

0101 (08097) Th..... 4:00pm- 6:45pm (LEF 2166) Gottfredson, D.

CCJS651 **Seminar in Criminology; Grade Method: REG/AUD.** *Formerly CRIM 651.* — 3 credits

0101 (08107) M..... 4:00pm- 6:45pm (TYD 1101) Loftin, C.

CCJS653 **Seminar in Corrections; Grade Method: REG/AUD.** *Prerequisite: CCJS 651 or equivalent. Formerly CRIM 653.* **This course is co-taught by Dr. Wellford and Dr. Mackenzi.** — 3 credits

0101 (08117) M..... 1:00pm- 3:45pm (SCP 2120) Wellford, C.

CCJS654 **History of Criminological Thought; Grade Method: REG/AUD.** *Prerequisite: CCJS 454 or equivalent. Formerly CRIM 654.* — 3 credits

0101 (08127) W..... 4:00pm- 6:45pm (TYD 1102) Paternoster, R.

CCJS699 **Special Criminological Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

CCJS699B **Special Criminological Problems: Women and Crime; Grade Method: REG/AUD.** — 3 credits

0101 (08150) W..... 4:00pm- 6:45pm (TYD 1108) STAFF

CCJS699C **Special Criminological Problems: Corporate Crime Research; Grade Method: REG/AUD.** — 3 credits

0101 (08160) Tu..... 4:00pm- 6:45pm (LEF 1220) Simpson, S.

CCJS699G **Special Criminological Problems: Criminal Careers Research; Grade Method: REG/AUD.** — 3 credits

0101 (08170) Th..... 4:00pm- 6:45pm (LEF 2208) STAFF

CCJS699P **Special Criminological Problems: Contemporary Issues in Research and Theory; Grade Method: REG/AUD. Doctoral students only.** — 3 credits

0101 (08180) M..... 4:00pm- 6:45pm (TYD 0102) Wellford, C.

CCJS699R **Special Criminological Problems: Policy Analysis for the Criminal Justice System; Grade Method: REG/AUD.** — 3 credits

0101 (08190) W..... 4:00pm- 6:45pm (TYD 0111) Reuter, P.

CCJS799 (PermReq) **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

CCJS899 (PermReq) **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

CHEM Chemistry (Life Sciences)

CHEM103 **General Chemistry I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Recommended: CHEM 001 or placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* **Laboratory sessions will begin after the first lecture.** — 4 credits

3111 (08271) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
M..... 8:00am-10:50am (CHM 1105) Lab
M..... 1:00pm- 1:50pm (ARM 0108) Dis
3117 (08272) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
M..... 3:00pm- 5:50pm (CHM 1105) Lab
M..... 1:00pm- 1:50pm (EGR 2102) Dis
3124 (08273) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
Tu.....12:00pm- 2:50pm (CHM 1105) Lab
M..... 1:00pm- 1:50pm (CHM 0119) Dis
3131 (08274) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
W..... 8:00am-10:50am (CHM 1105) Lab
M..... 2:00pm- 2:50pm (ARM 0108) Dis
3134 (08275) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
W.....12:00pm- 2:50pm (CHM 1105) Lab
M..... 2:00pm- 2:50pm (CHE 2116) Dis
3135 (08276) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
W.....12:00pm- 2:50pm (CHM 1106) Lab
M..... 2:00pm- 2:50pm (CHE 2120) Dis
3137 (08277) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
W..... 3:00pm- 5:50pm (CHM 1105) Lab
M..... 2:00pm- 2:50pm (EGR 2102) Dis
3144 (08278) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
Th.....12:00pm- 2:50pm (CHM 1105) Lab
M..... 2:00pm- 2:50pm (CHM 0119) Dis
3151 (08279) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
F..... 8:00am-10:50am (CHM 1105) Lab
M..... 1:00pm- 1:50pm (CHE 2120) Dis
3154 (08280) TuTh..... 8:00am- 9:15am (CHM 1407) Greer, S.
F.....12:00pm- 2:50pm (CHM 1105) Lab
M..... 1:00pm- 1:50pm (CHE 2116) Dis
3214 (08281) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
M.....12:00pm- 2:50pm (CHM 1106) Lab
W..... 1:00pm- 1:50pm (CHE 2116) Dis
3215 (08282) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
M.....12:00pm- 2:50pm (CHM 1109) Lab
W..... 1:00pm- 1:50pm (EGR 2102) Dis
3217 (08283) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
M..... 3:00pm- 5:50pm (CHM 1109) Lab
W..... 1:00pm- 1:50pm (CHE 2120) Dis
3221 (08284) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
Tu..... 8:00am-10:50am (CHM 1106) Lab
W..... 1:00pm- 1:50pm (ARM 0116) Dis
3227 (08285) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
Tu..... 3:00pm- 5:50pm (CHM 1106) Lab
W..... 1:00pm- 1:50pm (EGR 3114) Dis
3237 (08286) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
W..... 3:00pm- 5:50pm (CHM 1109) Lab
W..... 2:00pm- 2:50pm (EGR 3110) Dis
3241 (08287) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
Th..... 8:00am-10:50am (CHM 1106) Lab
W..... 2:00pm- 2:50pm (ARM 0116) Dis
3247 (08288) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
Th..... 3:00pm- 5:50pm (CHM 1106) Lab
W..... 2:00pm- 2:50pm (EGR 3114) Dis
3254 (08289) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
F.....12:00pm- 2:50pm (CHM 1106) Lab
W..... 2:00pm- 2:50pm (CHE 2116) Dis
3255 (08290) TuTh.....11:00am-12:15pm (CHM 1407) Ginter, M.
F.....12:00pm- 2:50pm (CHM 1109) Lab
W..... 2:00pm- 2:50pm (EGR 2102) Dis
3314 (08291) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
M.....12:00pm- 2:50pm (CHM 1105) Lab
W..... 1:00pm- 1:50pm (CHM 0124) Dis
3317 (08292) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
M..... 3:00pm- 5:50pm (CHM 1119) Lab
W..... 1:00pm- 1:50pm (ARM 0102) Dis
3321 (08293) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
Tu..... 8:00am-10:50am (CHM 1119) Lab
W..... 1:00pm- 1:50pm (ARM 0108) Dis
3322 (08294) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
Tu..... 8:00am-10:50am (CHM 1109) Lab
W..... 1:00pm- 1:50pm (ZOP 1124) Dis
3331 (08295) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
W..... 8:00am-10:50am (CHM 1119) Lab
W..... 2:00pm- 2:50pm (CHM 0119) Dis
3332 (08296) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
W..... 8:00am-10:50am (CHM 1109) Lab
W..... 2:00pm- 2:50pm (CHM 2201) Dis
3337 (08297) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
W..... 3:00pm- 5:50pm (CHM 1119) Lab
W..... 2:00pm- 2:50pm (ARM 0102) Dis
3341 (08298) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
Th..... 8:00am-10:50am (CHM 1119) Lab
W..... 2:00pm- 2:50pm (ARM 0108) Dis
3342 (08299) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
Th..... 8:00am-10:50am (CHM 1109) Lab
W..... 2:00pm- 2:50pm (CHE 2120) Dis
3351 (08300) TuTh..... 2:00pm- 3:15pm (CHM 1407) Khanna, R.
F..... 8:00am-10:50am (CHM 1119) Lab
W..... 1:00pm- 1:50pm (CHM 0119) Dis

CHEM104 **Fundamentals of Organic and Biochemistry; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 104 or CHEM 233 (or CHEM 235).* **This course is intended for students in curricula requiring only one semester of organic chemistry. It is not appropriate for those requiring two semesters; such students should take CHEM 233 or, if eligible, CHEM 235, after completion of CHEM 113 (or CHEM 115). Laboratory sessions will begin after the first lecture. Course is offered in the spring semester only.** — 4 credits

5114 (08310) MWF..... 8:00am- 8:50am (CHM 1402) Huheey, J.
M.....12:00pm- 2:50pm (CHM 1215) Lab
Tu..... 8:00am- 8:50am (CHE 2120) Dis
5117 (08311) MWF..... 8:00am- 8:50am (CHM 1402) Huheey, J.
M..... 3:00pm- 5:50pm (CHM 1215) Lab
Tu..... 8:00am- 8:50am (EGR 3102) Dis
5124 (08312) MWF..... 8:00am- 8:50am (CHM 1402) Huheey, J.
Tu.....12:00pm- 2:50pm (CHM 1215) Lab
Tu..... 8:00am- 8:50am (EGR 3111) Dis
5134 (08313) MWF..... 8:00am- 8:50am (CHM 1402) Huheey, J.
W.....12:00pm- 2:50pm (CHM 1215) Lab
Tu..... 9:00am- 9:50am (CHE 2120) Dis
5137 (08314) MWF..... 8:00am- 8:50am (CHM 1402) Huheey, J.
W..... 3:00pm- 5:50pm (CHM 1215) Lab
Tu..... 9:00am- 9:50am (EGR 3111) Dis
5147 (08315) MWF..... 8:00am- 8:50am (CHM 1402) Huheey, J.
Th..... 3:00pm- 5:50pm (CHM 1215) Lab
Tu..... 9:00am- 9:50am (EGR 0102) Dis

CHEM113 **General Chemistry II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* **Laboratory sessions will begin after the first lecture.** — 4 credits

4114 (08335) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
M.....12:00pm- 2:50pm (CHM 1122) Lab
Tu..... 8:00am- 8:50am (CHE 2118) Dis
4117 (08336) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
M..... 3:00pm- 5:50pm (CHM 1110) Lab
Tu..... 8:00am- 8:50am (CHE 2116) Dis
4118 (08337) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
M..... 3:00pm- 5:50pm (CHM 1128) Lab
Tu..... 8:00am- 8:50am (CHM 0127) Dis
4124 (08338) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
Tu.....12:00pm- 2:50pm (CHM 1110) Lab
Tu..... 8:00am- 8:50am (EGR 3114) Dis
4127 (08339) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
Tu..... 3:00pm- 5:50pm (CHM 1110) Lab
Tu..... 8:00am- 8:50am (ARM 0118) Dis
4134 (08340) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
W.....12:00pm- 2:50pm (CHM 1110) Lab
Tu..... 9:00am- 9:50am (CHE 2118) Dis
4137 (08341) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
W..... 3:00pm- 5:50pm (CHM 1110) Lab
Tu..... 9:00am- 9:50am (ARM 0119) Dis
4141 (08342) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
Th..... 8:00am-10:50am (CHM 1110) Lab
Tu..... 9:00am- 9:50am (ARM 0108) Dis
4144 (08343) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
Th.....12:00pm- 2:50pm (CHM 1110) Lab
Tu..... 9:00am- 9:50am (EGR 3114) Dis
4147 (08344) MWF..... 8:00am- 8:50am (CHM 1407) Bellama, J.
Th..... 3:00pm- 5:50pm (CHM 1128) Lab
Tu..... 9:00am- 9:50am (CHM 0122) Dis
4214 (08345) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
M.....12:00pm- 2:50pm (CHM 1112) Lab
Th..... 8:00am- 8:50am (CHE 2136) Dis
4215 (08346) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
M.....12:00pm- 2:50pm (CHM 1111) Lab
Th..... 8:00am- 8:50am (CHM 0122) Dis
4217 (08347) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
M..... 3:00pm- 5:50pm (CHM 1111) Lab
Th..... 8:00am- 8:50am (EGR 1102) Dis
4221 (08348) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
Tu..... 8:00am-10:50am (CHM 1111) Lab
Th..... 8:00am- 8:50am (EGR 2102) Dis
4224 (08349) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
Tu.....12:00pm- 2:50pm (CHM 1122) Lab
Th..... 8:00am- 8:50am (EGR 3106) Dis
4234 (08350) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
W.....12:00pm- 2:50pm (CHM 1112) Lab
Th..... 9:00am- 9:50am (CHE 2120) Dis
4237 (08351) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
W..... 3:00pm- 5:50pm (CHM 1111) Lab
Th..... 9:00am- 9:50am (EGR 3114) Dis
4244 (08352) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
Th.....12:00pm- 2:50pm (CHM 1122) Lab
Th..... 9:00am- 9:50am (EGR 3106) Dis
4247 (08353) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
Th..... 3:00pm- 5:50pm (CHM 1111) Lab
Th..... 9:00am- 9:50am (EGR 0102) Dis
4254 (08354) MWF.....10:00am-10:50am (CHM 1407) DeVoe, H.
F.....12:00pm- 2:50pm (CHM 1111) Lab
Th..... 9:00am- 9:50am (CHM 0122) Dis
4311 (08355) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
M..... 8:00am-10:50am (CHM 1122) Lab
Tu..... 1:00pm- 1:50pm (CHE 2118) Dis
4314 (08356) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
M.....12:00pm- 2:50pm (CHM 1128) Lab
Tu..... 1:00pm- 1:50pm (JMZ 0122) Dis
4321 (08357) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
Tu..... 8:00am-10:50am (CHM 1122) Lab
Tu..... 1:00pm- 1:50pm (CHE 2120) Dis
4327 (08358) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
Tu..... 3:00pm- 5:50pm (CHM 1112) Lab
Tu..... 1:00pm- 1:50pm (EGR 3111) Dis
4331 (08359) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
W..... 8:00am-10:50am (CHM 1128) Lab
Tu..... 2:00pm- 2:50pm (EGR 3111) Dis
4334 (08360) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
W.....12:00pm- 2:50pm (CHM 1128) Lab
Tu..... 2:00pm- 2:50pm (JMZ 0204) Dis
4341 (08361) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
Th..... 8:00am-10:50am (CHM 1111) Lab
Tu..... 2:00pm- 2:50pm (JMZ 1226) Dis
4342 (08362) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
Th..... 8:00am-10:50am (CHM 1112) Lab
Tu..... 2:00pm- 2:50pm (ZOP 1232) Dis
4344 (08363) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
Th.....12:00pm- 2:50pm (CHM 1208) Lab
Tu..... 1:00pm- 1:50pm (ARM 0102) Dis
4347 (08364) MWF.....11:00am-11:50am (CHM 1407) Harwood, W.
Th..... 3:00pm- 5:50pm (CHM 1122) Lab
Tu..... 2:00pm- 2:50pm (ARM 0102) Dis
4417 (08365) MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H.
M..... 3:00pm- 5:50pm (CHM 1112) Lab
Th..... 1:00pm- 1:50pm (CHE 2118) Dis
4421 (08366) MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H.
Tu..... 8:00am-10:50am (CHM 1112) Lab
Th..... 1:00pm- 1:50pm (CHE 2120) Dis
4424 (08367) MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H.
Tu.....12:00pm- 2:50pm (CHM 1112) Lab
Th..... 1:00pm- 1:50pm (CHE 2136) Dis
4427 (08368) MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H.
Tu..... 3:00pm- 5:50pm (CHM 1128) Lab
Th..... 1:00pm- 1:50pm (CHE 2145) Dis
4431 (08369) MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H.
W..... 8:00am-10:50am (CHM 1112) Lab
Th..... 2:00pm- 2:50pm (CHM 0124) Dis
4437 (08370) MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H.
W..... 3:00pm- 5:50pm (CHM 1112) Lab
Th..... 2:00pm- 2:50pm (CHM 0127) Dis
4441 (08371) MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H.
Th..... 8:00am-10:50am (CHM 1122) Lab
Th..... 2:00pm- 2:50pm (EGR 0102) Dis
4447 (08372) MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H.
Th..... 3:00pm- 5:50pm (CHM 1112) Lab
Th..... 2:00pm- 2:50pm (EGR 1102) Dis
4511 (08373) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
M..... 8:00am-10:50am (CHM 1110) Lab
Tu..... 1:00pm- 1:50pm (JMZ 1103) Dis
4517 (08374) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
M..... 3:00pm- 5:50pm (CHM 1208) Lab
Tu..... 1:00pm- 1:50pm (EGR 3108) Dis
4521 (08375) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Tu..... 8:00am-10:50am (CHM 1208) Lab
Tu..... 1:00pm- 1:50pm (HZF 1106) Dis
4527 (08376) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Tu..... 3:00pm- 5:50pm (CHM 1208) Lab
Tu..... 1:00pm- 1:50pm (EGR 1124) Dis
4537 (08377) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
W..... 3:00pm- 5:50pm (CHM 1208) Lab
Tu..... 2:00pm- 2:50pm (EGR 3102) Dis
4541 (08378) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Th..... 8:00am-10:50am (CHM 1208) Lab
Tu..... 2:00pm- 2:50pm (HZF 1106) Dis
4544 (08379) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Th.....12:00pm- 2:50pm (CHM 1111) Lab
Tu..... 2:00pm- 2:50pm (EGR 1124) Dis
4545 (08380) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Th.....12:00pm- 2:50pm (CHM 1128) Lab
Tu..... 2:00pm- 2:50pm (PHY 4208) Dis
4547 (08381) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
Th..... 3:00pm- 5:50pm (CHM 1208) Lab
Tu..... 1:00pm- 1:50pm (PHY 4208) Dis
4551 (08382) MWF..... 1:00pm- 1:50pm (CHM 1407) Boyd, A.
F..... 8:00am-10:50am (CHM 1110) Lab
Tu..... 2:00pm- 2:50pm (JMZ 1103) Dis

CHEM113H **General Chemistry II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* **Laboratory sessions will begin after the first lecture.** — 4 credits

0421 (08392) MWF.....10:00am-10:50am (CHM 1402) Tossell, J.
Tu..... 8:00am-10:50am (CHM 1233) Lab
Th..... 9:00am- 9:50am (COL 3112) Dis

CHEM121 **Chemistry in the Modern World; Grade Method: REG/P-F/AUD.** *Credit will be granted for only one of the following: CHEM 102, or CHEM 103, or CHEM 105,or CHEM 107, or CHEM 111, or CHEM 121.* **CORE Distributive Studies Physical Science Non-Lab Course. CORE Distributive Studies Physical Science Lab Course when taken concurrently with CHEM 122.** — 3 credits

0114 (08402) MWF.....11:00am-11:50am (CHM 0119) Bellama, J.
Tu.....10:00am-10:50am (EGR 3102) Dis
0124 (08403) MWF.....11:00am-11:50am (CHM 0119) Bellama, J.
Tu.....10:00am-10:50am (EGR 3108) Dis
0134 (08404) MWF.....11:00am-11:50am (CHM 0119) Bellama, J.
Tu.....11:00am-11:50am (CHE 2120) Dis
0144 (08405) MWF.....11:00am-11:50am (CHM 0119) Bellama, J.
Tu.....11:00am-11:50am (PHY 0405) Dis

CHEM153 **General and Analytical Chemistry II; Grade Method: REG/P-F/AUD.** *Prerequisite: CHEM 143 with grade of C or better. For CHEM and BCHM majors only. Credit will be granted for only one of the following: CHEM 102, CHEM 122, CHEM 113.* — 5 credits

1421 (08415) MWF.....11:00am-11:50am (CHM 1402) Eichhorn, B.
TuTh..... 8:00am-10:50am (CHM 3226) Lab
Tu..... 3:00pm- 3:50pm (CHE 2145) Dis
1424 (08416) MWF.....11:00am-11:50am (CHM 1402) Eichhorn, B.
TuTh.....12:00pm- 2:50pm (CHM 3226) Lab
Tu..... 3:00pm- 3:50pm (EGR 1110) Dis

CHEM227 **Inorganic and Analytical Chemistry Lab; Grade Method: REG/P-F/AUD.** *Prerequisite: CHEM 113.* — 4 credits

1411 (08426) MW..... 2:00pm- 2:50pm (CHM 1402) Freeman, D.
MW..... 8:00am-10:50am (CHM 3226) Lab
1417 (08427) MW..... 2:00pm- 2:50pm (CHM 1402) Freeman, D.
MW..... 3:00pm- 5:50pm (CHM 3226) Lab
1427 (08428) MW..... 2:00pm- 2:50pm (CHM 1402) Freeman, D.
TuTh..... 3:00pm- 5:50pm (CHM 3226) Lab

CHEM233 **Organic Chemistry I; Grade Method: REG/P-F/AUD.** *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* **Laboratory sessions will begin after the first lecture.** — 4 credits

7111 (08438) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
M..... 8:00am-10:50am (CHM 1221) Lab
W..... 1:00pm- 1:50pm (ARM 0105) Dis
7114 (08439) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
M.....12:00pm- 2:50pm (CHM 1221) Lab

W..... 1:00pm- 1:50pm (ARM 0116) Dis
7115 (08440) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
M.....12:00pm- 2:50pm (CHM 1227) Lab
W..... 1:00pm- 1:50pm (EGR 0102) Dis
7117 (08441) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
M..... 3:00pm- 5:50pm (CHM 1221) Lab
W..... 1:00pm- 1:50pm (EGR 1124) Dis
7121 (08442) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
Tu..... 8:00am-10:50am (CHM 1227) Lab
W..... 1:00pm- 1:50pm (ARM 0101) Dis
7127 (08443) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
Tu..... 3:00pm- 5:50pm (CHM 1221) Lab
W..... 1:00pm- 1:50pm (ANS 0412) Dis
7131 (08444) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 8:00am-10:50am (CHM 1227) Lab
W..... 2:00pm- 2:50pm (EGR 3111) Dis
7137 (08445) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 3:00pm- 5:50pm (CHM 1221) Lab
W..... 2:00pm- 2:50pm (EGR 1124) Dis
7138 (08446) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 3:00pm- 5:50pm (CHM 1227) Lab
W..... 2:00pm- 2:50pm (ARM 0121) Dis
7141 (08447) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
Th..... 8:00am-10:50am (CHM 1227) Lab
W..... 2:00pm- 2:50pm (ARM 0101) Dis
7147 (08448) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
Th..... 3:00pm- 5:50pm (CHM 1227) Lab
W..... 2:00pm- 2:50pm (EGR 1120) Dis
7151 (08449) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
F..... 8:00am-10:50am (CHM 1227) Lab
W..... 1:00pm- 1:50pm (EGR 3111) Dis
7154 (08450) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
F.....12:00pm- 2:50pm (CHM 1221) Lab
W..... 2:00pm- 2:50pm (ARM 0116) Dis
7155 (08451) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
F.....12:00pm- 2:50pm (CHM 1227) Lab
W..... 2:00pm- 2:50pm (EGR 0102) Dis

CHEM233M Organic Chemistry I; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Prerequisite: CHEM 233 taken within twelve months of the semester in which CHEM 233M is taken. A student is eligible to take this course only if the lab scores received in CHEM 233, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 233M. — 4 credits

7111 (08461) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 1:00pm- 1:50pm (ARM 0105) Dis
7114 (08462) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 1:00pm- 1:50pm (ARM 0116) Dis
7115 (08463) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 1:00pm- 1:50pm (EGR 0102) Dis
7117 (08464) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 1:00pm- 1:50pm (EGR 1124) Dis
7121 (08465) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 1:00pm- 1:50pm (ARM 0101) Dis
7127 (08466) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 1:00pm- 1:50pm (ANS 0412) Dis
7131 (08467) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 2:00pm- 2:50pm (EGR 3111) Dis
7137 (08468) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 2:00pm- 2:50pm (EGR 1124) Dis
7138 (08469) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 2:00pm- 2:50pm (ARM 0121) Dis
7141 (08470) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 2:00pm- 2:50pm (ARM 0101) Dis
7147 (08471) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 2:00pm- 2:50pm (EGR 1120) Dis
7151 (08472) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 1:00pm- 1:50pm (EGR 3111) Dis
7154 (08473) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 2:00pm- 2:50pm (ARM 0116) Dis
7155 (08474) TuTh.....12:30pm- 1:45pm (CHM 1407) Ammon, H.
W..... 2:00pm- 2:50pm (EGR 0102) Dis

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 233. Credit will be granted for only one of the following: CHEM 243 or CHEM 245.* Laboratory sessions will begin after the first lecture. — 4 credits

8114 (08484) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
M.....12:00pm- 2:50pm (CHM 1216) Lab
Tu..... 1:00pm- 1:50pm (CHE 2116) Dis
8117 (08485) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
M..... 3:00pm- 5:50pm (CHM 1216) Lab
Tu..... 1:00pm- 1:50pm (EGR 2102) Dis
8118 (08486) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
M..... 3:00pm- 5:50pm (CHM 1224) Lab
Tu..... 1:00pm- 1:50pm (EGR 0102) Dis
8121 (08487) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 8:00am-10:50am (CHM 1216) Lab
Tu..... 1:00pm- 1:50pm (CHE 2145) Dis
8127 (08488) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 3:00pm- 5:50pm (CHM 1224) Lab
Tu..... 1:00pm- 1:50pm (EGR 1102) Dis
8134 (08489) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
W.....12:00pm- 2:50pm (CHM 1216) Lab
Tu..... 2:00pm- 2:50pm (CHE 2116) Dis
8137 (08490) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
W..... 3:00pm- 5:50pm (CHM 1216) Lab
Tu..... 2:00pm- 2:50pm (EGR 2102) Dis
8138 (08491) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
W..... 3:00pm- 5:50pm (CHM 1224) Lab
Tu..... 2:00pm- 2:50pm (CHM 0122) Dis
8141 (08492) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Th..... 8:00am-10:50am (CHM 1216) Lab
Tu..... 2:00pm- 2:50pm (CHE 2145) Dis
8144 (08493) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Th.....12:00pm- 2:50pm (CHM 1216) Lab
Tu..... 2:00pm- 2:50pm (ARM 0120) Dis
8145 (08494) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Th.....12:00pm- 2:50pm (CHM 1224) Lab
Tu..... 2:00pm- 2:50pm (ARM 0108) Dis
8147 (08495) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Th..... 3:00pm- 5:50pm (CHM 1216) Lab
Tu..... 2:00pm- 2:50pm (EGR 1102) Dis
8154 (08496) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
F.....12:00pm- 2:50pm (CHM 1216) Lab
Tu..... 1:00pm- 1:50pm (ARM 0108) Dis
8155 (08497) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
F.....12:00pm- 2:50pm (CHM 1224) Lab
Tu..... 1:00pm- 1:50pm (EGR 3110) Dis
8157 (08498) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
F..... 3:00pm- 5:50pm (CHM 1224) Lab
Tu..... 2:00pm- 2:50pm (MTH 0107) Dis
8158 (08499) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
F..... 3:00pm- 5:50pm (CHM 1216) Lab
Tu..... 2:00pm- 2:50pm (CHE 2140) Dis
8214 (08500) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
M.....12:00pm- 2:50pm (CHM 1224) Lab
Tu..... 1:00pm- 1:50pm (EGR 3114) Dis
8221 (08501) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Tu..... 8:00am-10:50am (CHM 1224) Lab
Tu..... 1:00pm- 1:50pm (ARM 0105) Dis
8227 (08502) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Tu..... 3:00pm- 5:50pm (CHM 1216) Lab
Tu..... 1:00pm- 1:50pm (JMZ 0208) Dis
8234 (08503) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
W.....12:00pm- 2:50pm (CHM 1224) Lab
Tu..... 2:00pm- 2:50pm (EGR 3114) Dis
8241 (08504) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Th..... 8:00am-10:50am (CHM 1224) Lab
Tu..... 2:00pm- 2:50pm (CHM 0127) Dis
8247 (08505) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Th..... 3:00pm- 5:50pm (CHM 1224) Lab
Tu..... 2:00pm- 2:50pm (JMZ 0122) Dis

CHEM243M Organic Chemistry II; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 233. Credit will be granted for only one of the following: CHEM 243 or CHEM 245.* Prerequisite: CHEM 243 taken within twelve months of the semester in which CHEM 243M is taken. A student is eligible to take this course only if the lab scores received in CHEM 243, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 243M. — 4 credits

8114 (08515) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 1:00pm- 1:50pm (CHE 2116) Dis
8117 (08516) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 1:00pm- 1:50pm (EGR 2102) Dis
8118 (08517) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 1:00pm- 1:50pm (EGR 0102) Dis
8121 (08518) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 1:00pm- 1:50pm (CHE 2145) Dis
8127 (08519) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 1:00pm- 1:50pm (EGR 1102) Dis
8134 (08520) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 2:00pm- 2:50pm (CHE 2116) Dis
8137 (08521) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 2:00pm- 2:50pm (EGR 2102) Dis
8136 (08522) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 2:00pm- 2:50pm (CHM 0122) Dis
8141 (08523) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 2:00pm- 2:50pm (CHE 2145) Dis
8144 (08524) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 2:00pm- 2:50pm (ARM 0120) Dis
8145 (08525) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 2:00pm- 2:50pm (ARM 0108) Dis
8147 (08526) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 2:00pm- 2:50pm (EGR 1102) Dis
8154 (08527) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 1:00pm- 1:50pm (ARM 0108) Dis
8155 (08528) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 1:00pm- 1:50pm (EGR 3110) Dis
8157 (08529) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 2:00pm- 2:50pm (MTH 0107) Dis
8158 (08530) MWF..... 9:00am- 9:50am (CHM 1407) Mazzocchi, D.
Tu..... 2:00pm- 2:50pm (CHE 2140) Dis
8214 (08531) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Tu..... 1:00pm- 1:50pm (EGR 3114) Dis
8221 (08532) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Tu..... 1:00pm- 1:50pm (ARM 0105) Dis
8227 (08533) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Tu..... 1:00pm- 1:50pm (JMZ 0208) Dis
8234 (08534) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Tu..... 2:00pm- 2:50pm (EGR 3114) Dis
8241 (08535) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Tu..... 2:00pm- 2:50pm (CHM 0127) Dis
8247 (08536) MWF..... 9:00am- 9:50am (CHM 1402) Mariano, P.
Tu..... 2:00pm- 2:50pm (JMZ 0122) Dis

CHEM395 Professional Issues in Chemistry and Biochemistry; Grade Method: S-F. *Junior standing. For CHEM and BCHM majors only.* — 1 credit

0101 (08546) Th.....11:00am-11:50am (CHM 1402) Freeman, D.

CHEM398 (PermReq) Special Projects; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Consult with Dr. Harwood. — 2 credits

CHEM399 (PermReq) Introduction to Chemical Research; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Harwood. — 1-3 credits

CHEM401 Inorganic Chemistry; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 481.* — 3 credits

0101 (08652) MWF.....10:00am-10:50am (CHM 0119) Huheey, J.

CHEM425 Instrumental Methods of Analysis; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 482; and CHEM 483.* — 3 credits

0102 (08662) Tu..... 8:00am- 8:50am (CHM 0122) Rebbert, R.
TuTh..... 1:00pm- 4:00pm (CHM 3205) Lab
0104 (08663) Tu..... 8:00am- 8:50am (CHM 0122) Rebbert, R.
TuTh..... 9:00am-12:00pm (CHM 3205) Lab

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153; and MATH 141; and PHYS 142.* — 3 credits

0101 (08673) MWF..... 8:00am- 8:50am (CHM 0115) Weiner, J.

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 481.* — 3 credits

0101 (08683) MWF..... 8:00am- 8:50am (CHM 0119) Miller, G.
0201 (08684) MWF..... 9:00am- 9:50am (CHM 0119) Thirumalai, D.

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD. *Corequisite: CHEM 481.* Rooms for second lab times are to be arranged for all sections. — 2 credits

0101 (08694) M..... 2:00pm- 4:50pm (Arranged) Lab Murphy, T.
M..... 1:00pm- 1:50pm (CHM 1402) Dis
0102 (08695) Tu..... 2:00pm- 4:50pm (Arranged) Lab Murphy, T.
Tu..... 1:00pm- 1:50pm (CHM 1402) Dis
0103 (08696) W..... 2:00pm- 4:50pm (Arranged) Lab Murphy, T.
W..... 1:00pm- 1:50pm (CHM 1402) Dis

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482.* Rooms for second lab times are to be arranged for all sections. — 2 credits

0101 (08706) Tu..... 2:00pm- 4:50pm (Arranged) Lab Miller, G.
Tu..... 1:00pm- 1:50pm (CHM 2201) Dis
0102 (08707) W..... 2:00pm- 4:50pm (Arranged) Lab Miller, G.
W..... 1:00pm- 1:50pm (CHM 2201) Dis

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 113 and CHEM 287 or equivalent; and knowledge of a scientific programming language (PASCAL, FORTRAN or "C").* — 4 credits

0111 (08717) MWF.....11:00am-11:50am (CHM 0124) Murphy, T.
M..... 3:00pm- 5:50pm (Arranged) Lab
0141 (08718) MWF.....11:00am-11:50am (CHM 0124) Murphy, T.
Th..... 1:00pm- 3:50pm (Arranged) Lab

CHEM491 Advanced Organic Chemistry Laboratory; Grade Method: REG/P-F/AUD. *Prerequisite: CHEM 243. Formerly CHEM 433 and CHEM 443. Credit will be granted for only one of the following: CHEM 433 and CHEM 443 or CHEM 491.* — 3 credits

0101 (08728) Th..... 8:00am- 8:50am (CHM 0128) Jarvis, B.
TuTh..... 1:00pm- 5:00pm (CHM 1228) Lab

CHEM498B Special Topics in Chemistry: The Periodic Table: S and P Block Elements; Grade Method: REG/P-F/AUD. — 3 credits

0101 (08739) MWF..... 9:00am- 9:50am (CHM 0128) Boyd, A.

CHEM498E Special Topics in Chemistry: Ethics in Science; Grade Method: REG/P-F/AUD. — 3 credits

0101 (08749) Th..... 5:00pm- 5:30pm (CHM 0124) Greer, S.

CHEM602 Advanced Inorganic Chemistry II; Grade Method: REG/AUD. *Prerequisite: CHEM 601.* — 3 credits

0101 (08759) TuTh..... 8:00am- 9:15am (CHM 0124) Grim, S.

CHEM608 Selected Topics in Inorganic Chemistry: Bioinorganic Chemistry; Grade Method: REG/AUD. — 3 credits

0101 (08769) TuTh.....12:30pm- 1:45pm (CHM 0119) Pilato, R.

CHEM623 Optical Methods of Quantitative Analysis; Grade Method: REG/AUD. *Prerequisites: CHEM 421 and CHEM 482 or equivalent.* — 3 credits

0101 (08779) MWF..... 2:00pm- 2:50pm (CHM 0128) O'Haver, T.

CHEM647 Organic Synthesis; Grade Method: REG/AUD. — 3 credits

0101 (08789) MWF.....11:00am-11:50am (CHM 0128) Herndon, J.

CHEM648 Special Topics in Organic Chemistry: Kinetic Tech for Enzymology; Grade Method: REG/AUD. — 3 credits

0101 (08799) F..... 3:00pm- 6:00pm (CHM 0124) Dunaway-Mariano

CHEM650 Problems in Organic Synthesis; Grade Method: REG/AUD. — 1 credit

0101 (08809) F.....10:00am-10:50am (CHM 0128) Falvey, D.

CHEM660 Spectral Methods; Grade Method: REG/AUD. — 2 credits

0101 (08819) MW.....10:00am-10:50am (CHM 0128) Falvey, D.

CHEM678 Special Topics in Environmental Chemistry: Environmental Chemistry; Grade Method: REG/AUD. — 3 credits

0101 (08829) TuTh..... 3:30pm- 5:00pm (CHM 2201) Ondov, J.

CHEM682 Reaction Kinetics; Grade Method: REG/AUD. — 3 credits

0101 (08839) MWF..... 8:00am- 8:50am (CHM 0124) Reutt, J.

CHEM687 Statistical Mechanics and Chemistry; Grade Method: REG/AUD. *Prerequisite: CHEM 684 or equivalent.* — 3 credits

0101 (08849) MWF..... 9:00am- 9:50am (CHM 0124) Weeks, J.

CHEM691 Quantum Chemistry II; Grade Method: REG/AUD. *Prerequisite: CHEM 690 or PHYS 622.* — 3 credits

0101 (08859) TuTh.....12:30pm- 1:45pm (CHM 0124) Alexander, M.

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. — 1-6 credits

CHEM705 Nuclear Chemistry; Grade Method: REG/AUD. — 3 credits

0101 (08915) MWF.....10:00am-10:50am (CHM 0124) Mignerey, A.

CHEM723 Marine Geochemistry; Grade Method: REG/AUD. *Prerequisite: CHEM 481 or equivalent.* — 3 credits

0101 (08931) TuTh.....12:30pm- 1:45pm (CHM 0128) Harvey, H.

CHEM799 Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHEM898A Seminar: Analytical, Nuclear and Environmental Chemistry; Grade Method: REG/AUD. — 1 credit

0101 (08987) F..... 3:00pm- 5:00pm (CHM 0128) Ondov, J.

CHEM898C Seminar: Inorganic Chemistry; Grade Method: REG/AUD. — 1 credit

0101 (08997) Tu..... 2:00pm- 2:50pm (CHM 0124) Huheey, J.

CHEM898D Seminar: Organic Chemistry; Grade Method: REG/AUD. — 1 credit

0101 (09007) Tu..... 4:00pm- 6:00pm (CHM 0128) Falvey, D.

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD. — 1 credit

0101 (09017) W..... 4:00pm- 6:00pm (CHM 0128) Reutt, J.

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD. — 1 credit

0101 (09027) W..... 4:00pm- 6:00pm (CHM 0128) Reutt, J.

CHEM898G Seminar: Physical Organic Chemistry; Grade Method: REG/AUD. — 1 credit

0101 (09037) Time and room to be arranged Falvey, D.

CHEM898I Seminar: Transition Metal Chemistry; Grade Method: REG/AUD. — 1 credit

0101 (09047) Time and room to be arranged Poli, R.

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (09057) Time and room to be arranged Jarvis, B.

CHEM898K Seminar: Photochemistry Mechanics; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (09067) Time and room to be arranged Mariano, P.

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (09077) Time and room to be arranged Mazzocchi, P.

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (09087) Time and room to be arranged Grim, S.

CHEM898O Seminar: Natural Water Chemistry; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (09097) Time and room to be arranged Helz, G.

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (09107) W..... 4:00pm- 4:50pm (CHM 0127) Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Reaction Mechanisms; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (09117) Time and room to be arranged Kozarich, J.

CHEM898T Seminar: Organometallics in Organic Synthesis; Grade Method: REG/AUD. Contact instructor to make arrangements. — 1 credit

0101 (09127) Time and room to be arranged Herndon, J.

CHEM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

CHIN Chinese (Arts and Humanities)

Non-majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN102 Elementary Spoken Chinese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits

01*1 (09233) MWF.....10:00am-10:50am (SYM 1308) Shen, H.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0201 (09234) MWF..... 1:00pm- 1:50pm (JMZ 2117) Shen, H.

CHIN103 Elementary Written Chinese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits

0101 (09244) MWF..... 2:00pm- 2:50pm (JMZ 2120) Brown, W.
0201 (09245) MWF..... 9:00am- 9:50am (JMZ 0120) STAFF

CHIN203 Intermediate Spoken Chinese II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: CHIN 201 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits

0101 (09255) MWF.....10:00am-10:50am (HZF 1102) Sargent, S.

CHIN204 Intermediate Written Chinese II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits

0101 (09266) MWF..... 9:00am- 9:50am (JMZ 1104) Brown, W.

CHIN213 Chinese Poetry into English: An Introduction; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

01*1 (09276) MWF..... 2:00pm- 2:50pm (EGR 3140) Sargent, S.
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CHIN302 Advanced Chinese II; Grade Method: REG/P-F/AUD. *Prerequisite: CHIN 301 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits

0101 (09286) MWF.....11:00am-11:50am (JMZ 1104) Shen, H.

CHIN304 Business Chinese II; Grade Method: REG/P-F/AUD. *Prerequisite: CHIN 303 or equivalent. Non-majors admitted only after a placement interview.* — 3 credits

0101 (09296) MWF..... 2:00pm- 2:50pm (JMZ 1124) Shen, H.

CHIN315 Modern Chinese Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (09306) TuTh..... 9:30am-10:45am (JMZ 2125) Yee, A.

CHIN388B Topics in Chinese Literature in Translation: Chinese Calligraphy, Theory and Practice; Grade Method: REG/P-F/AUD. No knowledge of Chinese is required. — 3 credits

0101 (09316) Th..... 2:00pm- 4:45pm (JMZ 0205) Chin, T.

CHIN388D Topics in Chinese Literature in Translation; Grade Method: REG/P-F/AUD. — 3 credits

0101 (09326) MWF.....10:00am-10:50am (HBK 0117) McGinnis, S.

CHIN404 Classical Chinese II; Grade Method: REG/P-F/AUD. 3 credits
Prerequisite: CHIN 302.
0101 (09336) MWF.....11:00am-11:50am (JMZ 2102) Sargent, S.

CHIN421 Sounds and Transcriptions of Mandarin Chinese; Grade Method: REG/P-F/AUD. 3 credits
0101 (09346) Tu..... 2:00pm- 4:45pm (JMZ 1109) Chin, T.

CHIN422 Advanced Chinese Grammar; Grade Method: REG/P-F/AUD. 3 credits
0101 (09356) MWF..... 1:00pm- 1:50pm (JMZ 3203) Brown, M.

CHIN442 (PermReq) Modern Chinese Fiction; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: permission of department.* 3 credits
0101 (09366) TuTh.....12:30pm- 1:45pm (JMZ 1109) Yee, A.

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CHPH Chemical Physics (Computer, Mathematical and Physical Sciences)

CHPH618 Special Projects in Chemical Physics; Grade Method: REG/AUD. 1-3 credits
0101 (09429) Time and room to be arranged Weiner, J.

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD. 1 credit
0101 (09439) W..... 4:00pm- 6:00pm (CHM 0128) Reutt, J.

CHPH709B Seminar in Chemical Physics: Statistical Physics; Grade Method: REG/AUD. 1 credit
0101 (09449) Tu..... 1:15pm- 2:30pm (IPT 1116). Fisher, M.

CHPH718J (PermReq) Special Topics in Chemical Physics: Critical Phenomena in Fluids; Grade Method: REG/AUD. Course is taught by Prof. Makhail A. Anisimov. 3 credits
0101 (09459) Time and room to be arranged STAFF

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CHPH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

CLAS Classics (Arts and Humanities)

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits
0101 (09537) MW.....11:00am-11:50am (MMH 1400) Doherty, L.
F.....11:00am-11:50am (ARM 0103) Dis
0102 (09538) MW.....11:00am-11:50am (MMH 1400) Doherty, L.
Th.....10:00am-10:50am (JMZ 0204) Dis
0103 (09539) MW.....11:00am-11:50am (MMH 1400) Doherty, L.
Th.....11:00am-11:50am (MTH 0106) Dis
0104 (09540) MW.....11:00am-11:50am (MMH 1400) Doherty, L.
Th.....12:00pm-12:50pm (JMZ 1103) Dis
0105 (09541) MW.....11:00am-11:50am (MMH 1400) Doherty, L.
Th..... 1:00pm- 1:50pm (HZF 1106) Dis
0106 (09542) MW.....11:00am-11:50am (MMH 1400) Doherty, L.
F.....10:00am-10:50am (EGR 3102) Dis
0107 (09543) MW.....11:00am-11:50am (MMH 1400) Doherty, L.
F.....11:00am-11:50am (EGR 3114) Dis
0108 (09544) MW.....11:00am-11:50am (MMH 1400) Doherty, L.
F.....12:00pm-12:50pm (EGR 1120) Dis
0201 (09545) MW.....10:00am-10:50am (MMH 1400) Doherty, L.
F.....10:00am-10:50am (MMH 1304) Dis
0202 (09546) MW.....10:00am-10:50am (MMH 1400) Doherty, L.
Th.....10:00am-10:50am (EGR 3102) Dis
0203 (09547) MW.....10:00am-10:50am (MMH 1400) Doherty, L.
Th.....11:00am-11:50am (EGR 3102) Dis
0204 (09548) MW.....10:00am-10:50am (MMH 1400) Doherty, L.
F..... 9:00am- 9:50am (MMH 1304) Dis
0205 (09549) MW.....10:00am-10:50am (MMH 1400) Doherty, L.
Th..... 9:00am- 9:50am (ARM 0118) Dis
0206 (09550) MW.....10:00am-10:50am (MMH 1400) Doherty, L.
F.....12:00pm-12:50pm (ARM 0101) Dis
0207 (09551) MW.....10:00am-10:50am (MMH 1400) Doherty, L.
Th.....12:00pm-12:50pm (ARM 0118) Dis
0208 (09552) MW.....10:00am-10:50am (MMH 1400) Doherty, L.
Th..... 1:00pm- 1:50pm (ARM 0103) Dis

CLAS270 Greek Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (09562) MW..... 1:00pm- 1:50pm (MMH 1400) Stehle, E.
F..... 1:00pm- 1:50pm (MMH 0108) Dis
0102 (09563) MW..... 1:00pm- 1:50pm (MMH 1400) Stehle, E.
F..... 9:00am- 9:50am (MMH 0108) Dis
0103 (09564) MW..... 1:00pm- 1:50pm (MMH 1400) Stehle, E.
F.....11:00am-11:50am (MMH 3418) Dis
0104 (09565) MW..... 1:00pm- 1:50pm (MMH 1400) Stehle, E.
Th.....10:00am-10:50am (EGR 1110) Dis
0105 (09566) MW..... 1:00pm- 1:50pm (MMH 1400) Stehle, E.
Th..... 1:00pm- 1:50pm (ARM 0105) Dis

CLAS320 Women in Classical Antiquity; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. CORE Cultural Diversity Course. USP Advanced Studies Development of Knowledge Course. Course is team-taught by L. Doherty and J. Hallett. 3 credits
0101 (09576) MWF..... 2:00pm- 2:50pm (MMH 1304) Doherty, L.

CLAS499 Independent Study in Classical Languages and Literatures; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CLAS699 (PermReq) Independent Study in Classical Civilization; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CLAS799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMLT Comparative Literature (Arts and Humanities)

CMLT214 Film Form and Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. 3 credits
0101 (09753) MW..... 1:00pm- 3:30pm (TWS 2154) Marchetti, G.
W..... 2:00pm- 3:00pm (TWS 0147) Dis
0102 (09754) MW..... 1:00pm- 3:30pm (TWS 2154) Marchetti, G.
W..... 2:00pm- 3:00pm (TWS 2230) Dis

CMLT235 Introduction to the Literatures of the African Diaspora; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. *Credit will be granted for only one of the following: CMLT 235 or ENGL 235.* 3 credits
0101 (09764) TuTh.....11:00am-12:15pm (COL 3112) Meehan, K.

CMLT270 Global Literature and Social Change; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. 3 credits
0101 (09774) MWF.....11:00am-11:50am (KEY 0121) Bernstein, L.
0201 (09775) MWF..... 1:00pm- 1:50pm (KEY 0116) Bernstein, L.
0301 (09776) TuTh..... 9:30am-10:45am (ASY 3217) Spoor, S.
0401 (09777) TuTh.....12:30pm- 1:45pm (ASY 3217) Westrich, G.
0501 (09778) TuTh..... 2:00pm- 3:15pm (WDS 1131) Silberman, S.

CMLT275 World Literature by Women; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. 3 credits
0101 (09788) TuTh.....11:00am-12:30pm (HBK 0123) Bell, V.
0201 (09789) TuTh..... 2:00pm- 3:15pm (HBK 1108) Kothe, A.
0301 (09790) MWF.....12:00pm-12:50pm (HBK 1108) STAFF

CMLT488A Genres: Structure and Criticism of Television Advertising; Grade Method: REG/P-F/AUD. 3 credits
0101 (09800) TuTh..... 9:30am-10:45am (TWS 0147) Robinson, E.

CMLT498A Selected Topics in Comparative Literature: Modern Chinese Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (50173) TuTh..... 9:30am-10:45am (JMZ 2125) Yee, A.

CMLT498F Selected Topics in Comparative Literature: Film, Food, and Politics; Grade Method: REG/P-F/AUD. 3 credits
0101 (09820) TuTh..... 1:00pm- 3:00pm (TWS 2154) Robinson, E.

CMLT498G Selected Topics in Comparative Literature: Constructing the Field of Gay, Lesbian, and Bisexual Studies; Grade Method: REG/P-F/AUD. 3 credits
0101 (09830) TuTh..... 3:30pm- 4:45pm (WDS 1130) King, K.

CMLT800 (PermReq) Introduction to Critical Theory; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits
0101 (09840) W..... 3:30pm- 6:30pm (SCP 1111) Marchetti, G.

CMLT639A (PermReq) Studies in the Renaissance: Attending to Women in the Early Modern Period; Grade Method: REG/AUD. 3 credits
0101 (09850) Th..... 3:30pm- 6:00pm (SCP 3105) Donawerth, J.

CMLT679B (PermReq) Seminar in Modern and Contemporary Literature: Narrative and the Adaptation of Genres; Grade Method: REG/AUD. 3 credits
0101 (09860) Th..... 3:30pm- 6:00pm (SCP 1123) Lifton, M.

CMLT679C (PermReq) Seminar in Modern and Contemporary Literature: Scholars and the Media I; Grade Method: REG/AUD. Corequisite: CMLT 679D. 3 credits
0101 (09870) M..... 6:00pm- 9:00pm (SCP 1123) Fuegi, J.

CMLT679D (PermReq) Seminar in Modern and Contemporary Literature: Scholars and the Media II; Grade Method: REG/AUD. Corequisite: CMLT 679C. 3 credits
0101 (09880) Tu..... 6:00pm- 9:00pm (SCP 2121) Fuegi, J.

CMLT679E (PermReq) Seminar in Modern and Contemporary Literature: African-American Critical Theories; Grade Method: REG/AUD. 3 credits
0101 (09890) M..... 3:30pm- 6:00pm (SCP 4116) Peterson, C.

CMLT679F Seminar in Modern and Contemporary Literature: Postmodernism/Feminism; Grade Method: REG/AUD. 3 credits
0101 (09900) M..... 3:30pm- 6:00pm (WDS 1131) Kauffman, L.

CMLT679G Seminar in Modern and Contemporary Literature: Subaltern Studies in the Americas; Grade Method: REG/AUD. 3 credits
0101 (09910) M..... 4:30pm- 7:00pm (JMZ 0208) Rabasa, J.

CMLT679I (PermReq) Seminar in Modern and Contemporary Literature: Autobiography of Black Folk Women; Grade Method: REG/AUD. 3 credits
0101 (09920) W..... 6:30pm- 9:00pm (SCP 3105) Fry, G.

CMLT679J (PermReq) Seminar in Modern and Contemporary Literature: The Bible and Literary Criticism; Grade Method: REG/AUD. 3 credits
0101 (09930) Tu..... 3:30pm- 6:00pm (SCP 4116) Handelman, S.

CMLT679K (PermReq) Seminar in Modern and Contemporary Literature: Narrative and Metaphor; Grade Method: REG/AUD. 3 credits
0101 (09940) W..... 6:30pm- 9:00pm (SCP 3109) Turner, M.

CMLT679L (PermReq) Seminar in Modern and Contemporary Literature: Myth Theory; Grade Method: REG/AUD. 3 credits
0101 (09950) Tu..... 3:30pm- 6:00pm (SCP 3109) Flieger, V.

CMLT679M Seminar in Modern and Contemporary Literature: Jewish Experience in German Lands; Grade Method: REG/AUD. 3 credits
0101 (09960) Tu..... 4:00pm- 6:30pm (JMZ 1104) Bilik, D.

CMLT679O Seminar in Modern and Contemporary Literature: Europeanization of German Literature; Grade Method: REG/AUD. 3 credits
0101 (09970) M..... 1:00pm- 3:30pm (HZF 1106) Greene-Gantzber

CMLT679R Seminar in Modern and Contemporary Literature: Literary Research and Critical Contexts; Grade Method: REG/AUD. 3 credits
0101 (09980) Tu..... 6:30pm- 9:00pm (SCP 1111) Grossman, M.

CMLT679U (PermReq) Seminar in Modern and Contemporary Literature: Popular Culture in America; Grade Method: REG. 3 credits
0101 (09990) Tu..... 7:00pm- 9:40pm (SCP 1121) Mintz, L.

CMLT679V (PermReq) Seminar in Modern and Contemporary Literature: Imaginary Social Worlds; Grade Method: REG. 3 credits
0101 (10000) W..... 4:00pm- 6:40pm (SCP 1121) Caughey, J.

CMLT699 (PermReq) Independent Study; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMLT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMLT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

CMSC Computer Science (Computer, Mathematical and Physical Sciences)

CMSC103 Introduction to Computing; Grade Method: REG/P-F/AUD. 3 credits
0101 (10104) MWF.....10:00am-10:50am (CSS 2324) Fontana, M.
0201 (10105) TuTh..... 9:30am-10:45am (CSS 2324) Miller, M.
0301 (10106) TuTh.....11:00am-12:15pm (CSS 2324) Miller, M.

CMSC104 FORTRAN Programming; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 110. Not applicable to the major requirements in computer science. Not open to students who have completed CMSC 110.* 4 credits
0101 (10116) TuTh..... 2:00pm- 3:15pm (CLB 0111) Miller, M.
MW..... 2:00pm- 2:50pm (CLB 0109) Dis
0102 (10117) TuTh..... 2:00pm- 3:15pm (CLB 0111) Miller, M.
MW..... 3:00pm- 3:50pm (CLB 0109) Dis

CMSC106 Introduction to C Programming; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 110. Not applicable to the major requirements in computer science.* 4 credits
0101 (10127) MWF.....12:00pm-12:50pm (CLB 0111) STAFF
MW..... 2:00pm- 2:50pm (CSS 2352) Lab
0102 (10128) MWF.....12:00pm-12:50pm (CLB 0111) STAFF
MW..... 3:00pm- 3:50pm (CSS 2352) Lab

CMSC107 Introduction to the UNIX Operating System; Grade Method: REG/P-F/AUD. *Recommended: prior experience with computing.* 3 credits
0101 (10138) MWF..... 9:00am- 9:50am (CLB 0111) Plane, J.

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD. *Pre- or corequisite: MATH 140.* First course for majors. All sections of CMSC 112 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. 4 credits
0101 (10148) MWF.....12:00pm-12:50pm (CSS 2324) Fontana, M.
MW..... 9:00am- 9:50am (CLB 0102) Lab
0102 (10149) MWF.....12:00pm-12:50pm (CSS 2324) Fontana, M.
MW.....10:00am-10:50am (CLB 0102) Lab
0103 (10150) MWF.....12:00pm-12:50pm (CSS 2324) Fontana, M.
MW..... 9:00am- 9:50am (CLB 0104) Lab
0104 (10151) MWF.....12:00pm-12:50pm (CSS 2324) Fontana, M.
MW.....10:00am-10:50am (CLB 0104) Lab
0201 (10152) MWF..... 1:00pm- 1:50pm (CSS 2324) Fontana, M.
MW..... 9:00am- 9:50am (CSS 2330) Lab
0202 (10153) MWF..... 1:00pm- 1:50pm (CSS 2324) Fontana, M.
MW.....10:00am-10:50am (CSS 2330) Lab
0203 (10154) MWF..... 1:00pm- 1:50pm (CSS 2324) Fontana, M.
MW..... 9:00am- 9:50am (CSS 2352) Lab
0204 (10155) MWF..... 1:00pm- 1:50pm (CSS 2324) Fontana, M.
MW.....10:00am-10:50am (CSS 2352) Lab
03*1 (10156) TuTh..... 9:30am-10:45am (EGR 3140) Shneiderman, B.
MW..... 9:00am- 9:50am (EGR 3140) Lab
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CMSC113 Computer Science II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Laboratory Course. *Prerequisites: (CMSC 150 and CMSC 112, each with a grade of C or better) or permission of department based on satisfactory performance on the computer science placement exam. Corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 113 and CMSC 120.* All sections of CMSC 113 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. 4 credits
0101 (10166) MWF.....10:00am-10:50am (CLB 0111) Plane, J.
MW..... 1:00pm- 1:50pm (CLB 0102) Lab
0102 (10167) MWF.....10:00am-10:50am (CLB 0111) Plane, J.
MW..... 2:00pm- 2:50pm (CLB 0102) Lab
0201 (10168) MWF.....11:00am-11:50am (CLB 0111) Plane, J.
MW..... 1:00pm- 1:50pm (CLB 0104) Lab
0202 (10169) MWF.....11:00am-11:50am (CLB 0111) Plane, J.
MW..... 2:00pm- 2:50pm (CLB 0104) Lab

CMSC150 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. *Pre- or corequisite: MATH 140 Formerly CMSC 250.* All sections of CMSC 150 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. 3 credits
0101 (10179) MW..... 3:00pm- 3:50pm (CLB 0111) Smith, C.
MW.....11:00am-11:50am (CSS 2330) Dis
0102 (10180) MW..... 3:00pm- 3:50pm (CLB 0111) Smith, C.
MW.....12:00pm-12:50pm (CSS 2330) Dis
0103 (10181) MW..... 3:00pm- 3:50pm (CLB 0111) Smith, C.
MW..... 1:00pm- 1:50pm (CSS 2330) Dis
02*1 (10182) TuTh..... 2:00pm- 2:50pm (CLB 0102) Perlis, D.
MW..... 2:00pm- 2:50pm (CSS 2330) Dis
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
03*1 (10183) TuTh..... 3:00pm- 3:50pm (CLB 0102) Perlis, D.
MW..... 3:00pm- 3:50pm (CSS 2330) Dis
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CMSC251 Algorithms; Grade Method: REG/P-F/AUD. *Prerequisite: CMSC 112; and CMSC 150; and MATH 140; a grade of C or better in CMSC 150 and CMSC 112.* All sections of CMSC 251 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. 3 credits
0101 (10193) TuTh.....11:00am-12:15pm (CLB 0111) Khuller, S.

CMSC311 (PermReq) Computer Organization; Grade Method: REG/P-F/AUD. *Prerequisite: CMSC 113 with a grade of C or better.* 3 credits
0101 (10203) TuTh.....12:30pm- 1:45pm (CSS 2324) Shi, L.

CMSC330 (PermReq) Organization of Programming Languages; Grade Method: REG/P-F/AUD. *Prerequisite: CMSC 113 with grade of C or better.* 3 credits
0101 (10213) MW.....11:00am-11:50am (CSS 2324) Purtilo, J.
F.....11:00am-11:50am (CLB 0102) Dis
0102 (10214) MW.....11:00am-11:50am (CSS 2324) Purtilo, J.
F.....12:00pm-12:50pm (CLB 0102) Dis
0201 (10215) MW..... 1:00pm- 1:50pm (CLB 0111) Saltz, J.
F..... 1:00pm- 1:50pm (CLB 0102) Dis
0202 (10216) MW..... 1:00pm- 1:50pm (CLB 0111) Saltz, J.
F..... 2:00pm- 2:50pm (CLB 0102) Dis

CMSC388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Prerequisite: written permission of department must be obtained in advance on departmental form. 3 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to CMSC Honors Program.* 3 credits

CMSC400 (PermReq) Introduction to Computer Systems and Software; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 141 and experience with a high-level programming language and (graduate standing or permission of department).* 3 credits
0101 (10311) TuTh.....12:30pm- 1:45pm (CSS 2330) STAFF

CMSC411 (PermReq) Computer Systems Architecture; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in either CMSC 311 or CMSC 400, and permission of department.* 3 credits
0101 (10321) TuTh..... 9:30am-10:45am (CSS 2330) STAFF
0201 (10322) TuTh.....11:00am-12:15pm (CLB 0104) Groselj, B.

CMSC412 (PermReq) Operating Systems; Grade Method: REG/P-F/AUD. *Prerequisites: (a grade of C or better in CMSC 311 and CMSC 330) or a grade of C or better in CMSC 400; and permission of department.* 4 credits
0101 (10332) TuTh.....11:00am-12:15pm (CLB 0102) STAFF
MW.....12:00pm-12:50pm (CLB 0109) Lab
0102 (10333) TuTh.....11:00am-12:15pm (CLB 0102) STAFF
MW..... 1:00pm- 1:50pm (CLB 0109) Lab

CMSC420 (PermReq) Data Structures; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400, and permission of department.* 3 credits
0101 (10343) TuTh..... 9:30am-10:45am (CSS 2352) Subrahmanian, V
0201 (10344) TuTh.....11:00am-12:15pm (CSS 2352) STAFF

CMSC421 (PermReq) Introduction to Artificial Intelligence; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 251 and CMSC 330; and permission of department. Recommended: CMSC 420.* 3 credits
0101 (10354) TuTh..... 3:30pm- 4:45pm (CSS 2330) STAFF

CMSC424 (PermReq) Database Design; Grade Method: REG/P-F/AUD. *Prerequisite: CMSC 420 with a grade of C or better, and permission of department. Recommended: CMSC 450.* 3 credits
0101 (10364) TuTh..... 6:30pm- 7:45pm (CLB 0104) Shapiro, B.

CMSC430 (PermReq) Theory of Language Translation; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department.* 3 credits
0101 (10374) TuTh..... 2:00pm- 3:15pm (CLB 0104) Pugh, W.
0201 (10375) TuTh.....11:00am-12:15pm (CHM 0128) Barth, W.

CMSC435 (PermReq) Software Design and Development; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 420 and CMSC 430; and permission of department.* 3 credits
0101 (10385) TuTh..... 9:30am-10:45am (CLB 0104) Porter, A.

CMSC450 (PermReq) Logic for Computer Science; Grade Method: REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) with grade of C or better and permission of department. Also offered as MATH 450. Credit will be granted for only one of the following: MATH 445 or CMSC 450/MATH 450.* 3 credits
0101 (10395) MWF..... 9:00am- 9:50am (MTH 0409) Lopez-Escobar,
0201 (10396) TuTh..... 5:00pm- 6:15pm (CLB 0109) Perlis, D.

CMSC451 (PermReq) Design and Analysis of Computer Algorithms; Grade Method: REG/P-F/AUD. *Prerequisites: a* 3 credits

grade of C or better in CMSC 113 and CMSC 251; and permission of department.

0101 (10406) TuTh.....12:30pm- 1:45pm (CSS 2352) Kruskal, C.
0201 (10407) TuTh..... 2:00pm- 3:15pm (CSS 2352) Kruskal, C.

CMSC460 (PermReq) **Computational Methods; Grade Method: REG/P-F/AUD.** *Prerequisites: a grade of C or better in MATH 240 and MATH 241 ; and CMSC 110 or CMSC 113 ; and permission of department. Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.* 3 credits

0101 (10419) MWF.....10:00am-10:50am (MTH 0101) Wolfe, P.
0201 (10420) MWF.....12:00pm-12:50pm (MTH 0305) Glaz, H.

CMSC466 (PermReq) **Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD.** *Prerequisites: a grade of C or better in MATH 240 and MATH 241 ; and CMSC 110 or CMSC 113 ; and permission of department. Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.* 3 credits

0101 (10430) MWF..... 1:00pm- 1:50pm (MTH B0421) STAFF
0201 (10431) TuTh.....12:30pm- 1:45pm (MTH 0303) Vonpetersdorff,

CMSC475 (PermReq) **Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 240 and MATH 241. Also offered as MATH 475.* 3 credits

0101 (10441) MWF..... 2:00pm- 2:50pm (MTH B0431) STAFF

CMSC498A (PermReq) **Special Problems in Computer Science; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of department required in advance on departmental form.** 1-3 credits

CMSC812 (PermReq) **Computer Systems Theory; Grade Method: REG/AUD.** *Prerequisites: CMSC 411; and CMSC 412; and STAT 400.* 3 credits

0101 (10495) TuTh..... 5:00pm- 6:15pm (CLB 0102) STAFF

CMSC820 (PermReq) **Problem Solving Methods in Artificial Intelligence; Grade Method: REG/AUD.** *Prerequisites: CMSC 420; and CMSC 450.* 3 credits

0101 (10505) TuTh.....11:00am-12:15pm (CLB 0109) Nau, D.

CMSC824 (PermReq) **Database Management Systems; Grade Method: REG/AUD.** *Prerequisite: CMSC 424 or permission of instructor.* 3 credits

0101 (10515) TuTh.....12:30pm- 1:45pm (CLB 0102) Faloutsos, C.

CMSC830 (PermReq) **Theory of Programming Languages; Grade Method: REG/AUD.** *Prerequisite: CMSC 430.* 3 credits

0101 (10525) TuTh..... 9:30am-10:45am (CLB 0109) Zelkowitz, M.

CMSC851 (PermReq) **Analysis of Algorithms; Grade Method: REG/AUD.** *Prerequisite: CMSC 451.* 3 credits

0101 (10535) TuTh..... 2:00pm- 3:15pm (CSS 2330) Mount, D.

CMSC866 (PermReq) **Numerical Analysis I; Grade Method: REG/AUD.** *Prerequisites: CMSC/MAPL 466; and MATH 410. Also offered as MAPL 666.* 3 credits

0101 (10545) TuTh..... 3:30pm- 4:45pm (CLB 0104) Elman, H.

CMSC867 (PermReq) **Numerical Analysis II; Grade Method: REG/AUD.** *Prerequisite: CMSC/MAPL 666. Also offered as MAPL 667.* 3 credits

0101 (10555) MWF.....11:00am-11:50am (MTH 0107) Osborn, J.

CMSC723 **Natural Language Processing; Grade Method: REG/AUD.** 3 credits

0101 (10565) W.....10:00am-12:30pm (Arranged) Dorr, B.

CMSC730 **Artificial Intelligence; Grade Method: REG/AUD.** *Prerequisites: CMSC 620; and STAT 401.* 3 credits

0101 (10575) TuTh..... 2:00pm- 3:15pm (CHE 2118) Kanal, L.

CMSC735 (PermReq) **A Quantitative Approach to Software Management and Engineering; Grade Method: REG/AUD.** *Prerequisites: CMSC 435; and STAT 400 or permission of instructor.* 3 credits

0101 (10585) MW.....10:00am-11:15am (Arranged) Basili, V.

CMSC750 **Advanced Theory of Computation; Grade Method: REG/AUD.** *Prerequisite: CMSC 650.* 3 credits

0101 (10595) MWF.....11:00am-11:50am (CLB 0109) Gasarch, W.

CMSC760 **Advanced Linear Numerical Analysis; Grade Method: REG/AUD.** *Prerequisite: CMSC/MAPL 666 or permission of instructor. Also offered as MAPL 600. Formerly CMSC 770.* 3 credits

0101 (10605) TuTh.....12:30pm- 1:45pm (CLB 0109) Stewart, G.

CMSC798A (PermReq) **Graduate Seminar in Computer Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.** 1-3 credits

CMSC799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

CMSC818A (PermReq) **Advanced Topics in Computer Systems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.** 1-3 credits

CMSC818T **Advanced Topics in Computer Systems; Grade Method: REG/AUD.** 1-3 credits

0101 (10747) TuTh..... 3:30pm- 4:45pm (CLB 0109) Miller, R.

CMSC828A (PermReq) **Advanced Topics in Information Processing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.** 1-3 credits

CMSC838A (PermReq) **Advanced Topics in Programming Languages; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.** 1-3 credits

CMSC858A (PermReq) **Advanced Topics in Theory of Computing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.** 1-3 credits

CMSC878A (PermReq) **Advanced Topics in Numerical Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.** 1-3 credits

CMSC899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

CNEC Consumer Economics (Human Ecology)

CNEC498 (PermReq) **Special Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only or permission of department.** 2-4 credits

CONS Sustainable Development & Conservation Biology (Life Sciences)

CONS808 **Seminar in Sustainable Development and Conservation Biology: Conservation Biology; Grade Method: REG/AUD. For majors only.** 1-2 credits

0101 (11145) M.....12:00pm- 1:00pm (ZOP 2277) Inouye, D.

Time and room to be arranged Dis

CONS870 **Conservation Biology; Grade Method: REG/AUD. For majors only.** 3 credits

0101 (11155) MWF.....10:00am-10:50am (ZOP 1236) Inouye, D.

CONS799 (PermReq) **Masters Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. For majors only.** 1-4 credits

COOP Cooperative Education Program (Undergraduate Studies)

COOP099 (PermReq) **Co-Op Work Experience; Grade Method: S-F. Permission of Co-op Program Director required. Obtain signature and more information at the Career Center, 3120 Hornbake Library. For special fees see the Financial Information section of the Schedule of Classes.** No credit

0101 (11216) Time and room to be arranged Carbone, J.

DANC Dance (Arts and Humanities)

DANC100 **Modern Dance I for Non-Majors; Grade Method: REG/P-F/AUD.** 2 credits

0101 (11266) MWF.....10:00am-10:50am (DNC 1105) Lab Warren, L.
0102 (11267) MWF..... 2:00pm- 2:50pm (PKT 2102) Lab Jackson, P.
0103 (11268) TuTh.....11:00am-12:15pm (PKT 2102) Lab Warren, A.
0104 (11269) TuTh.....12:30pm- 1:45pm (PKT 2102) Lab Warren, L.
0105 (11270) TuTh..... 2:00pm- 3:15pm (DNC 1136) Lab Rosen, M.

DANC104 **Modern Dance II for Non-Majors; Grade Method: REG/P-F/AUD.** *Prerequisite: DANC 100.* 2 credits

0101 (11280) TuTh..... 5:00pm- 6:15pm (PKT 2102) Lab Hayes, A.

DANC109 **Improvisation I; Grade Method: REG/P-F/AUD.** 2 credits

0101 (11290) TuTh.....12:30pm- 1:45pm (DNC 1105) Lab Dunn, R.

DANC124 **Ballet I for Non-Majors; Grade Method: REG/P-F/AUD.** 2 credits

0101 (11300) MWF.....10:00am-10:50am (PKT 2102) Lab Druker, S.
0102 (11301) MWF.....11:00am-11:50am (PKT 2102) Lab Druker, S.
0103 (11302) MWF.....12:00pm-12:50pm (PKT 2102) Lab Druker, S.

DANC127 **Ballet II for Non-Majors; Grade Method: REG/P-F/AUD.** *Prerequisite: DANC 124 or audition.* 2 credits

0101 (11312) TuTh.....12:30pm- 1:45pm (DNC 1136) Lab Druker, S.

DANC138 **Introduction to Ethnic Dance: West African; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course.** 2 credits

0101 (11322) TuTh..... 9:30am-10:45am (DNC 1105) Lab Frosch-Schroder

DANC154 **Jazz I for Non-Majors; Grade Method: REG/P-F/AUD.** 2 credits

0101 (11332) MW.....11:00am-12:15pm (DNC 1105) Lab Hayes, A.

DANC158 **Jazz I for Majors Only; Grade Method: REG/P-F/AUD. Non-majors admitted.** 2 credits

0101 (11342) TuTh..... 3:30pm- 4:45pm (PKT 2102) Lab Hayes, A.

DANC200 **Introduction to Dance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits

0101 (11362) MWF..... 1:00pm- 1:50pm (DNC 1143) Warren, L.
0201 (11363) TuTh.....11:00am-12:15pm (DNC 1143) Rosen, M.
0301 (11364) TuTh.....12:30pm- 1:45pm (DNC 1143) Warren, A.
0401 (11365) TuTh..... 2:00pm- 3:15pm (DNC 1143) Dunn, R.

DANC210 **Dance Production; Grade Method: REG/P-F/AUD.** 3 credits

0101 (11375) MWF..... 3:30pm- 4:50pm (DNC 1105) Jackson, P.

DANC229 **Ballet II for Majors; Grade Method: REG/P-F/AUD.** 2 credits

0101 (11385) TuTh..... 9:30am-10:45am (DNC 1136) Lab Druker, S.

DANC248 (PermReq) **Modern Dance I for Majors; Grade Method: REG/P-F/AUD. Non-majors admitted.** 3 credits

0101 (11395) MWF.....12:30pm- 1:50pm (DNC 1136) Lab Hayes, A.

DANC249 **Modern Dance II for Majors; Grade Method: REG/P-F/AUD. Non-majors admitted.** 3 credits

0101 (11405) MWF.....12:30pm- 1:50pm (DNC 1136) Lab Hayes, A.

DANC258 **Jazz II; Grade Method: REG/P-F/AUD.** *Prerequisite: DANC 154, DANC 158, or audition. Non-majors admitted.* 2 credits

0101 (11415) TuTh.....11:00am-12:15pm (DNC 1105) Lab Frosch-Schroder

DANC308 **Choreography II; Grade Method: REG/P-F/AUD.** 3 credits

0101 (11435) MWF..... 2:00pm- 3:20pm (DNC 1136) Lab Warren, A.

DANC310 **Dance Lighting; Grade Method: REG/P-F/AUD.** *Prerequisite: DANC 210.* 3 credits

0101 (11445) Time and room to be arranged Jackson, P.

DANC328 **Ballet III: Ballet III for Majors; Grade Method: REG/P-F/AUD. Non-majors admitted.** 2 credits

0101 (11455) TuTh.....11:00am-12:15pm (DNC 1136) Lab Druker, S.

DANC329 **Ballet IV: Ballet IV for Majors; Grade Method: REG/P-F/AUD. Non-majors admitted.** 2 credits

0101 (11465) TuTh.....11:00am-12:15pm (DNC 1136) Lab Druker, S.

DANC349 **Modern Dance IV for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 348 or audition.** 3 credits

0101 (11475) MWF.....11:00am-12:20pm (DNC 1136) Lab Rosen, M.

DANC367 **Dance in World Cultures; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** 3 credits

0101 (11485) TuTh..... 3:30pm- 4:45pm (DNC 1143) Frosch-Schroder

DANC370 **Kinesiology for Dancers; Grade Method: REG/P-F/AUD.** 4 credits

0101 (11495) MWF..... 9:00am-10:45am (DNC 1143) STAFF

DANC448 **Modern Dance V for Majors; Grade Method: REG/P-F/AUD.** 3 credits

0101 (11526) MWF.....12:30pm- 1:50pm (DNC 1105) Lab Wiltz, A.

DANC449 **Modern Dance VI for Majors; Grade Method: REG/P-F/AUD.** 3 credits

0101 (11536) MWF.....12:30pm- 1:50pm (DNC 1105) Lab Wiltz, A.

DANC485 **Seminar in Dance; Grade Method: REG/P-F/AUD. CORE Capstone Course.** *Prerequisite: DANC 483. Senior standing. For DANC majors only. Formerly DANC 484.* 3 credits

0101 (11546) TuTh..... 9:30am-10:45am (DNC 1143) Dunn, R.

DANC499 (PermReq) **Practicum in Choreography, Production and Performance IV; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399.** 1-6 credits

DESN Design (Arts and Humanities)

DESN337 **Photography II; Grade Method: REG.** *Prerequisites: DESN 230; and DESN 237. Credit will be granted for only one of the following: APDS 337 or DESN 337. Formerly APDS 337.* 3 credits

0101 (11615) Tu.....10:00am-11:00am (MMH 0401) STAFF
Th..... 8:00am-11:00am (MMH 0401) Lab

DESN362 **Ideas in Design; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course.** *Junior standing. Credit will be granted for only one of the following: DESN 362 or HSAD 362. Formerly HSAD 362.* Attendance on the first day of classes is mandatory. 3 credits

0101 (11625) TuTh..... 2:00pm- 3:15pm (ARC 1103) Bonta, J.

DESN380 **Professional Practices in Visual Communication Design; Grade Method: REG/P-F/AUD.** *Prerequisite: DESN 430. For advertising design majors only. Credit will be granted for only one of the following: APDS 380 or DESN 380. Formerly APDS 380.* Attendance on the first day of classes is mandatory. 3 credits

0101 (11635) W.....11:10am-12:10pm (MMH 2411) STAFF
M.....10:10am-12:10pm (MMH 2411) Lab

DESN386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

DESN430 **Advertising Design Studio II; Grade Method: REG/P-F/AUD.** *Prerequisite: DESN 320; and DESN 331. For advertising design majors only. Credit will be granted for only one of the following: DESN 430 or APDS 430. Formerly APDS 430.* Attendance on the first day of classes is mandatory. 3 credits

0101 (11651) M..... 9:00am-10:00am (MMH 2415) Thorpe, J.
W..... 8:00am-11:00am (MMH 2415) Lab

DESN471 **Computer Imaging for Design and Illustration; Grade Method: REG/P-F/AUD.** *Prerequisite: DESN 210; and DESN 211; and DESN 300 or permission of department. For advertising design majors only.* 3 credits

0101 (11661) F..... 9:45am- 1:45pm (MMH 1413A) Lab STAFF

DESN499A **Individual Study in Design: Individual Problems in Applied Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3-4 credits

DESN499D **Individual Study in Design: Core; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 3-4 credits

ECON Economics (Behavioral and Social Sciences)

ECON105 **Economics of Social Problems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Not open to students who have completed two of the following courses: ECON 201, or ECON 203, or ECON 205.* 3 credits

0101 (11727) TuTh..... 9:30am-10:45am (TYD 1114) Lyon, A.

ECON109E **Freshman Seminar: Environmental Economics; Grade Method: REG/P-F/AUD.** 3 credits

01*1 (11737) TuTh..... 9:30am-10:45am (TYD 0101) Oates, W.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

ECON201 **Principles of Economics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisite: MATH 110 or placement in MATH 115 or above. Credit will be granted for only one of the following: ECON 201 or ECON 205.* 3 credits

0101 (11747) MWF..... 9:00am- 9:50am (TYD 1102) STAFF
0201 (11748) MWF..... 1:00pm- 1:50pm (TYD 2111) STAFF
0301 (11749) MWF.....11:00am-11:50am (TYD 2111) STAFF
0401 (11750) TuTh..... 8:00am- 9:15am (TYD 2110) STAFF
0501 (11751) TuTh.....12:30pm- 1:45pm (ASY 3219) STAFF
0601 (11752) TuTh.....12:30pm- 1:45pm (JMZ 2206) STAFF
0801 (11753) MWF.....12:00pm-12:50pm (LEF 1222) STAFF
0901 (11754) TuTh..... 9:30am-10:45am (TYD 2110) STAFF
1001 (11755) MWF.....10:00am-10:50am (TYD 0111) STAFF
1201 (11756) MWF.....11:00am-11:50am (WDS 0104) STAFF
1301 (11757) TuTh.....11:00am-12:15pm (TYD 0111) STAFF
1501 (11758) TuTh.....12:30pm- 1:45pm (TYD 2111) STAFF
2101 (11759) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
M..... 1:00pm- 1:50pm (TYD 2102) Dis
2102 (11760) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
F..... 9:00am- 9:50am (TYD 2110) Dis
2103 (11761) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
F.....11:00am-11:50am (TYD 1101) Dis
2104 (11762) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
M.....12:00pm-12:50pm (WDS 1131) Dis
2105 (11763) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
M.....10:00am-10:50am (TYD 1108) Dis
2106 (11764) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
W.....10:00am-10:50am (WDS 1130) Dis
2107 (11765) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
W.....11:00am-11:50am (TYD 1101) Dis
2108 (11766) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
F.....12:00pm-12:50pm (TYD 2110) Dis
2109 (11767) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
M.....11:00am-11:50am (TYD 1101) Dis
2110 (11768) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
W.....10:00am-10:50am (TYD 1108) Dis
2111 (11769) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
W.....11:00am-11:50am (WDS 1130) Dis
2112 (11770) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
F.....10:00am-10:50am (TYD 1108) Dis
2113 (11771) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
W..... 1:00pm- 1:50pm (TYD 2110) Dis
2114 (11772) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
F..... 2:00pm- 2:50pm (TYD 2110) Dis
2115 (11773) MW..... 9:00am- 9:50am (TYD 0130) Dorsey, J.
M..... 2:00pm- 2:50pm (WDS 1127) Dis

ECON201H (PermReq) **Principles of Economics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisite: MATH 110 or placement in MATH 115 or above. Credit will be granted for only one of the following: ECON 201 or ECON 205.* 3 credits

0101 (11783) MWF..... 2:00pm- 2:50pm (TYD 0102) Dorsey, J.

ECON203 **Principles of Economics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisite: MATH 110 or placement in MATH 115 or above. Recommended: ECON 201.* 3 credits

0101 (11793) TuTh..... 9:30am-10:45am (TYD 0102) STAFF
0201 (11794) MWF.....11:00am-11:50am (TYD 1108) STAFF
0301 (11795) MWF..... 1:00pm- 1:50pm (TYD 1140) STAFF
0401 (11796) MWF.....10:00am-10:50am (HBK 1116) STAFF
0501 (11797) MWF..... 8:00am- 8:50am (TYD 0101) STAFF
0701 (11798) TuTh.....11:00am-12:15pm (TYD 2108) STAFF
2101 (11799) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
M..... 9:00am- 9:50am (WDS 0104) Dis
2102 (11800) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
W..... 9:00am- 9:50am (WDS 0104) Dis
2103 (11801) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
F..... 9:00am- 9:50am (TYD 0101) Dis
2105 (11802) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
W..... 9:00am- 9:50am (TYD 0101) Dis
2106 (11803) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
M..... 1:00pm- 1:50pm (TYD 2110) Dis
2107 (11804) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
W.....10:00am-10:50am (TYD 2106) Dis
2108 (11805) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
W.....10:00am-10:50am (DNC 1139B) Dis
2110 (11806) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
W..... 1:00pm- 1:50pm (KEY 0103) Dis
2111 (11807) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
F..... 1:00pm- 1:50pm (TYD 2110) Dis
2112 (11808) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
M.....10:00am-10:50am (TYD 2106) Dis
2113 (11809) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
F.....10:00am-10:50am (TYD 2106) Dis

2114 (11810) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
M.....10:00am-10:50am (WDS 1130) Dis
2115 (11811) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
F.....11:00am-11:50am (TYD 2110) Dis
2116 (11812) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
M..... 1:00pm- 1:50pm (KEY 0103) Dis
2117 (11813) MW.....11:00am-11:50am (TYD 0130) Mueller, D.
W..... 1:00pm- 1:50pm (DNC 1139B) Dis

ECON205 **Fundamentals of Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisite: MATH 110 or placement in MATH 115 or above. Students in the College of Business and Management are required to take ECON 201 and should not take ECON 205. Not open to students who have completed ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205.* — 3 credits

1102 (11823) MW.....12:00pm-12:50pm (TYD 0130) Dorsey, J.
W..... 2:00pm- 2:50pm (TYD 1118) Dis
1103 (11824) MW.....12:00pm-12:50pm (TYD 0130) Dorsey, J.
F.....12:00pm-12:50pm (TYD 0101) Dis
1104 (11825) MW.....12:00pm-12:50pm (TYD 0130) Dorsey, J.
M..... 9:00am- 9:50am (TYD 0101) Dis
1105 (11826) MW.....12:00pm-12:50pm (TYD 0130) Dorsey, J.
W..... 9:00am- 9:50am (HJP 1229) Dis
1108 (11827) MW.....12:00pm-12:50pm (TYD 0130) Dorsey, J.
F..... 9:00am- 9:50am (TYD 1140) Dis
1109 (11828) MW.....12:00pm-12:50pm (TYD 0130) Dorsey, J.
F.....10:00am-10:50am (TYD 2110) Dis
1111 (11829) MW.....12:00pm-12:50pm (TYD 0130) Dorsey, J.
M.....11:00am-11:50am (KEY 0126) Dis
1113 (11830) MW.....12:00pm-12:50pm (TYD 0130) Dorsey, J.
W.....11:00am-11:50am (KEY 0126) Dis
1114 (11831) MW.....12:00pm-12:50pm (TYD 0130) Dorsey, J.
M..... 2:00pm- 2:50pm (TYD 1118) Dis

ECON305 **Intermediate Macroeconomic Theory and Policy; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 201; and ECON 203; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401.* — 3 credits

0101 (11841) TuTh..... 9:30am-10:45am (ARC 1103) Brechling, F.
0201 (11842) MWF.....11:00am-11:50am (TYD 0102) STAFF
0301 (11843) MWF..... 9:00am- 9:50am (WDS 1114) STAFF
0401 (11844) MWF..... 1:00pm- 1:50pm (TYD 1108) STAFF
0501 (11845) MWF.....10:00am-10:50am (TYD 0101) STAFF
0701 (11846) MW.....12:30pm- 1:45pm (TYD 1118) Sakellaris, P.
0801 (11847) MWF..... 2:00pm- 2:50pm (TYD 1140) STAFF
0901 (11848) TuTh.....11:00am-12:15pm (TYD 0101) Almon, C.

ECON306 **Intermediate Microeconomic Theory; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403.* — 3 credits

0101 (11858) TuTh..... 2:00pm- 3:15pm (JMZ 2207) Kranton, R.
0201 (11859) MWF..... 9:00am- 9:50am (TYD 1101) Coughlin, P.
0301 (11860) TuTh.....11:00am-12:15pm (ARM 0119) Cramton, P.
0401 (11861) TuTh.....12:30pm- 1:45pm (ARM 0116) Sen, A.
0501 (11862) TuTh.....11:00am-12:15pm (TYD 1108) Dardis, R.
0901 (11863) TuTh..... 9:30am-10:45am (TYD 2111) Cramton, P.
1001 (11864) TuTh..... 2:00pm- 3:15pm (HBK 0117) Dardis, R.

ECON311 **American Economic Development; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Prerequisites: ECON 201; and ECON 203 or ECON 205.* — 3 credits

0101 (11874) MW..... 9:30am-10:45am (TYD 1140) Wallis, J.
0201 (11875) MWF..... 9:00am- 9:50am (TYD 0102) STAFF

ECON315 **Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisites: ECON 201; and ECON 203 or ECON 205. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415.* — 3 credits

0101 (11885) TuTh..... 2:00pm- 3:15pm (TYD 0102) Betancourt, R.
0201 (11886) TuTh.....11:00am-12:15pm (TYD 1102) Bennett, R.
0301 (11887) TuTh..... 9:30am-10:45am (COL 3109) Keefer, P.
0401 (11888) MWF.....11:00am-11:50am (KEY 0103) Swamy, A.
0501 (11889) TuTh..... 9:30am-10:45am (TYD 1102) Bennett, R.
0601 (11890) MWF..... 9:00am- 9:50am (TYD 0111) Swamy, A.
0701 (11891) TuTh..... 2:00pm- 3:15pm (TYD 1114) Bennett, R.

ECON321 **Economic Statistics; Grade Method: REG/P-F/AUD.** — 3 credits

Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421.

0101 (11901) MWF.....10:00am-10:50am (TYD 1114) Anderson, G.
0201 (11902) MWF.....12:00pm-12:50pm (KEY 0126) STAFF

ECON370 **Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisites: ECON 201; and ECON 203 or ECON 205. Credit will be granted for only one of the following: ECON 370 or ECON 470.* — 3 credits

0101 (11912) TuTh.....11:00am-12:15pm (TYD 2110) Weinstein, P.
0201 (11913) MWF.....11:00am-11:50am (TYD 0117) Knight, R.
0301 (11914) TuTh..... 2:00pm- 3:15pm (HBK 0123) Weinstein, P.
0401 (11915) MWF.....10:00am-10:50am (WDS 1114) Weinstein, P.

ECON375 **Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisites: ECON 201; and ECON 203 or ECON 205.* — 3 credits

0101 (11925) TuTh.....11:00am-12:15pm (TYD 2111) STAFF
0201 (11926) MWF.....10:00am-10:50am (TYD 2111) STAFF

ECON381 **Environmental Economics; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 203 or ECON 205 or permission of department.* — 3 credits

0101 (11936) TuTh..... 2:00pm- 3:15pm (TYD 0117) Oates, W.
0201 (11937) MWF.....11:00am-11:50am (TYD 2106) STAFF

ECON386 (PermReq) **Experiential Learning; Grade Method: REG/P-F.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

1901 (11947) Time and room to be arranged Meyer, P.

ECON397 (PermReq) **Honors Thesis; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 396 and candidacy for honors in economics.* — 3 credits

0101 (11957) Time and room to be arranged Wallis, J.

ECON399 (PermReq) **Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses.** — 3 credits

ECON402 **Macroeconomic Models and Forecasting; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: ECON 305 or ECON 405.* — 3 credits

0101 (12027) TuTh..... 8:00am- 9:15am (TYD 1114) Almon, C.
0301 (12028) MWF..... 2:00pm- 2:50pm (TYD 1108) STAFF

ECON422 **Quantitative Methods in Economics I; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 201; and ECON 203; and ECON 321 or BMGT 230; or permission of department.* — 3 credits

0101 (12038) TuTh.....12:30pm- 1:45pm (NDS 0104) Anderson, G.
0201 (12039) MWF.....11:00am-11:50am (TYD 1114) Anderson, G.

ECON423 **Quantitative Methods in Economics II; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 422.* — 3 credits

0101 (12049) TuTh..... 2:00pm- 3:15pm (TYD 2111) Brechling, F.

ECON425 **Mathematical Economics; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 305 or ECON 405, and ECON 306 or ECON 406, and MATH 220 or equivalent.* — 3 credits

0101 (12059) MWF.....10:00am-10:50am (TYD 0102) Coughlin, P.

ECON430 **Money and Banking; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 430 or ECON 431.* — 3 credits

0101 (12069) MWF.....10:00am-10:50am (TYD 0130) Meyer, P.

ECON431 **Theory of Money, Prices and Economic Activity; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 305 or ECON 405. Credit will be granted for only one of the following: ECON 430 or ECON 431.* — 3 credits

0101 (12079) MWF.....11:00am-11:50am (TYD 0111) Meyer, P.

ECON440 **International Economics; Grade Method: REG/P-F/AUD.** *Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 440 or ECON 441.* — 3 credits

0201 (12089) MW.....11:00am-12:15pm (TYD 1140) Zeck, M.
0301 (12090) MW..... 2:00pm- 3:15pm (TYD 1114) Zeck, M.
0401 (12091) TuTh..... 2:00pm- 3:15pm (TYD 0111) Fikkert, B.
0501 (12092) TuTh.....12:30pm- 1:45pm (TYD 1102) STAFF

ECON441 **Theory of International Economics; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 305 or ECON 405; and ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 440 or ECON 441.* — 3 credits

0101 (12102) TuTh.....12:30pm- 1:45pm (TYD 1114) Panagariya, A.

ECON454 **Theory of Public Finance and Fiscal Federalism; Grade Method: REG/AUD.** *Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 450 or ECON 454.* — 3 credits

0101 (12112) TuTh..... 2:00pm- 3:15pm (TYD 1140) Lyon, A.
0201 (12113) TuTh..... 9:30am-10:45am (JRN 1105) Hulten, C.

ECON456 **Law and Economics; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 306.* — 3 credits

0101 (12123) TuTh..... 8:00am- 9:15am (TYD 2111) Weinstein, P.
0201 (12124) TuTh..... 2:00pm- 3:15pm (WDS 0104) Ausubel, L.

ECON460 **Industrial Organization; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 306 or ECON 406.* — 3 credits

0201 (12134) MW..... 2:00pm- 3:15pm (TYD 2111) STAFF

ECON470 **Theory of Labor Economics; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 306. Credit will be granted for only one of the following: ECON 370 or ECON 470.* — 3 credits

0101 (12144) TuTh.....11:00am-12:15pm (TYD 0102) Montgomery, E.

ECON602 **Macroeconomic Analysis II; Grade Method: REG/AUD.** *Prerequisite: ECON 601 or permission of department.* — 3 credits

0101 (12154) MW.....11:00am-12:15pm (TYD 2110) Sakellaris, P.
F.....12:30pm- 2:00pm (TYD 0102) Dis
0201 (12155) MW..... 2:00pm- 3:15pm (TYD 2110) Calvo, G.
Tu..... 3:30pm- 6:00pm (TYD 1114) Dis

ECON604 **Microeconomic Analysis II; Grade Method: REG/AUD.** *Prerequisite: ECON 603 or permission of department.* — 3 credits

0101 (12165) TuTh..... 2:00pm- 3:15pm (TYD 0101) Hoff, K.
W..... 5:00pm- 7:00pm (TYD 2111) Dis
0201 (12166) TuTh.....11:00am-12:15pm (TYD 0117) Panagariya, A.
F..... 2:00pm- 3:15pm (TYD 2111) Dis

ECON613 (PermReq) **Origins and Development of Capitalism; Grade Method: REG/AUD.** *Prerequisite: permission of department. Advanced special students not permitted.* — 3 credits

0101 (12176) MW.....12:30pm- 1:45pm (TYD 0102) Wallis, J.

ECON616 **Seminar in Economic Development; Grade Method: REG/AUD.** *Prerequisite: ECON 615 or ECON 415. Advanced special students not permitted. ECON graduate students only or permission of department.* — 3 credits

0101 (12186) Tu..... 6:30pm- 9:00pm (TYD 2110) Betancourt, R.

ECON621 **Quantitative Methods I; Grade Method: REG/AUD.** *Prerequisite: ECON 600 or permission of department.* — 3 credits

0101 (12196) TuTh..... 9:30am-10:45am (TYD 1101) Kelejian, H.
Th..... 5:00pm- 7:00pm (TYD 2102) Dis

ECON623 **Econometrics I; Grade Method: REG/AUD.** — 3 credits

0101 (12206) TuTh.....12:30pm- 1:45pm (TYD 2110) Prucha, I.
M..... 4:30pm- 7:00pm (TYD 2110) Dis

ECON662 **Industry Structure, Conduct, and Performance; Grade Method: REG/AUD.** *Prerequisites: ECON 603, and ECON 622 or ECON 624.* — 3 credits

0101 (12216) TuTh..... 9:30am-10:45am (TYD 1108) Sen, A.

ECON663 **Antitrust Policy and Regulation; Grade Method: REG/AUD.** *Prerequisites: ECON 603; and ECON 622 or ECON 624.* — 3 credits

0101 (12226) MW.....12:30pm- 1:45pm (TYD 0101) Mueller, D.

ECON698 (PermReq) **Selected Topics in Economics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3 credits

ECON698E **Selected Topics in Economics: Econometrics Workshop; Grade Method: REG/AUD.** — 3 credits

0101 (12284) TuTh.....11:00am-12:15pm (TYD 1114) Evans, W.

ECON698I **Selected Topics in Economics: International Economics Workshop; Grade Method: REG/AUD.** — 3 credits

0101 (12294) M..... 3:30pm- 6:00pm (TYD 2109) Calvo, G.

ECON698O **Selected Topics in Economics: Productivity Workshop; Grade Method: REG/AUD.** — 3 credits

0101 (12304) TuTh.....12:30pm- 1:45pm (TYD 0102) Hulten, C.

ECON698T **Selected Topics in Economics; Grade Method: REG/AUD.** — 3 credits

0101 (12314) Tu..... 3:30pm- 6:00pm (TYD 0102) Cramton, P.

ECON702 **Advanced Macroeconomics II; Grade Method: REG/AUD.** *Prerequisites: ECON 601 and ECON 602.* — 3 credits

0101 (12324) MW..... 2:00pm- 3:15pm (TYD 0101) Drazen, A.

ECON703 (PermReq) **Advanced Microeconomics I; Grade Method: REG/AUD.** *Prerequisites: ECON 603 and ECON 604.* — 3 credits

0101 (12334) TuTh.....11:00am-12:15pm (TYD 2109) Ausubel, L.

ECON721 (PermReq) **Econometrics III; Grade Method: REG/AUD.** *Prerequisite: ECON 624 or permission of instructor.* — 3 credits

0101 (12344) TuTh..... 5:00pm- 6:15pm (TYD 0101) Prucha, I.
M..... 4:00pm- 5:00pm (TYD 0101) Dis

ECON741 **Advanced International Economics I; Grade Method: REG/AUD.** *Prerequisite: ECON 601 or permission of department.* — 3 credits

0101 (12354) M..... 5:30pm- 8:00pm (TYD 1108) Calvo, G.

ECON751 **Advanced Theory of Public Finance; Grade Method: REG/AUD.** *Prerequisite: ECON 603 or permission of department.* — 3 credits

0101 (12364) MW.....11:00am-12:15pm (TYD 0101) Schwab, R.

ECON756 **Theory of Public Choice II; Grade Method: REG/AUD.** *Prerequisite: ECON 755 or permission of department.* No advanced special students admitted. — 3 credits

0101 (12374) MW..... 9:30am-10:45am (TYD 2110) Mueller, D.

ECON772 **Government Policy and the Labor Market; Grade Method: REG/AUD.** *Prerequisite: ECON 771 or permission of department.* — 3 credits

0101 (12384) TuTh..... 2:00pm- 3:15pm (TYD 2110) Montgomery, E.

ECON785 **Advanced Economics of Natural Resources; Grade Method: REG/AUD.** *Prerequisites: ECON 603 and ECON 621 or ECON 624 or permission of department. Advanced special students not permitted.* — 3 credits

0101 (12394) M..... 6:30pm- 9:00pm (TYD 2110) STAFF

ECON799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ECON808 (PermReq) **Workshop on Macroeconomics and Growth; Grade Method: S-F/AUD. ECON graduate students only.** — 3 credits

0101 (12453) W..... 3:30pm- 6:00pm (TYD 1114) Drazen, A.

ECON848 (PermReq) **Workshop in International Development, and Comparative Economics; Grade Method: S-F/AUD. ECON graduate students only.** — 3 credits

0101 (12463) W..... 3:30pm- 6:00pm (JMZ 0118) Betancourt, R.

ECON858 (PermReq) **Workshop in Public Economics; Grade Method: S-F/AUD. ECON graduate students only.** — 3 credits

0101 (12473) M..... 3:30pm- 6:00pm (TYD 1114) Lyon, A.

ECON868 (PermReq) **Workshop in Industrial Organization; Grade Method: S-F/AUD. ECON graduate students only.** — 3 credits

0101 (12483) Tu..... 3:30pm- 6:00pm (TYD 2110) Mueller, D.

ECON878 (PermReq) **Workshop in Labor Economics; Grade Method: S-F/AUD. ECON graduate students only.** — 3 credits

0101 (12493) Th..... 3:30pm- 6:00pm (TYD 2110) Montgomery, E.

ECON899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

EDCI Curriculum and Instruction (Education)

EDCI280 **School Service Semester; Grade Method: S-F. Students must complete application for field component in Office of Laboratory Experiences. Field component occurs during designated lab time.** — 3 credits

0101 (12602) M.....11:00am-11:50am (EDU 1121) Frankes, L.
Tu..... 8:00am- 4:00pm (Arranged) Lab
0102 (12603) M.....11:00am-11:50am (EDU 1121) Frankes, L.
Th..... 8:00am- 4:00pm (Arranged) Lab
0201 (12604) Th..... 3:00pm- 3:50pm (EDU 3233) Stasinowsky, H.
M..... 8:00am- 4:00pm (Arranged) Lab
0202 (12605) Th..... 3:00pm- 3:50pm (EDU 3233) Stasinowsky, H.
MW..... 8:00am-12:00pm (Arranged) Lab
0203 (12606) Th..... 3:00pm- 3:50pm (EDU 3233) Stasinowsky, H.
W..... 8:00am- 4:00pm (Arranged) Lab
0301 (12607) Tu..... 3:00pm- 4:00pm (EDU 3233) STAFF
Tu..... 8:00am- 4:00pm (Arranged) Lab

EDCI288M **Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD. Prerequisite: MATH 210 and recommendation of instructor.** — 1-3 credits

0101 (12617) Time and room to be arranged Shearn, E.

EDCI298 (PermReq) **Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

EDCI301 **Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD.** *For elementary and pre-elementary education majors only. Not open to art education majors.* — 3 credits

0101 (12666) Tu..... 1:00pm- 4:00pm (EDU 1315) Hendricks, S.
0201 (12667) Th..... 1:00pm- 4:00pm (EDU 1315) Hendricks, S.

EDCI314 **Teaching Language, Reading, Drama and Literature with Young Children; Grade Method: REG.** *Prerequisite: EDCI 280.* Early childhood majors only. Blocked with EDCI 315, 316, 317, and EDHD 419B. Course is offered in the spring semester only. — 3 credits

0101 (12677) M.....10:00am-12:00pm (EDU 0212) O'Flahavan, J.
Time and room to be arranged Lab
0201 (12678) M.....10:00am-12:00pm (EDU 0212) STAFF
Time and room to be arranged Lab

EDCI315 **The Young Child in the Social Environment; Grade Method: REG.** *Corequisites: EDCI 317; and EDCI 318.* Blocked with EDCI 316; 317; 314; and EDHD 419B. Early childhood majors only. Course is offered in the spring semester only. — 3 credits

0101 (12688) Th.....10:00am-12:00pm (EDU 0212) Klein, E.
Time and room to be arranged Lab
0201 (12689) Th.....10:00am-12:00pm (EDU 0212) Wiltz, N.
Time and room to be arranged Lab

EDCI316 **The Teaching of Reading: Early Childhood; Grade Method: REG.** Blocked with EDCI 315, 317, 314, and EDHD 419B. Early childhood majors only. Course is offered in the spring semester only. — 3 credits

0101 (12699) M..... 8:00am-10:00am (EDU 2102) Ericson, J.
Time and room to be arranged Lab
0201 (12700) M..... 1:00pm- 3:00pm (EDU 2101) Klinedinst, C.
Time and room to be arranged Lab

EDCI317 **The Young Child and the Physical Environment; Grade Method: REG.** Blocked with EDCI 315, 316, 314, and EDHD 419B. Early childhood majors only. Course is offered in the spring semester only. — 3 credits

0101 (12710) TuTh..... 1:00pm- 2:15pm (EDU 2121) Campbell, P.
0201 (12711) TuTh..... 1:00pm- 2:15pm (EDU 2212) Jesslavich, S.

EDCI322A **Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG.** *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 342A, 352A, 362A and 372A. Elementary education majors only. — 3 credits

0101 (12721) M..... 9:30am-11:20am (EDU 2212) Wineburg, M.
Time and room to be arranged Lab

EDCI322B **Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG.** *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 342B, 352B, 362B, 372B. Elementary education majors only. — 3 credits

0101 (12731) Th..... 1:00pm- 2:50pm (EDU 2119) VanSledright, B
Time and room to be arranged Lab

EDCI322C **Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397; and EDHD 300.* — 3 credits

0101 (12741) M..... 1:00pm- 3:00pm (EDU 1107) Wineburg, M.
Time and room to be arranged Lab

EDCI340 **Curriculum and Instruction in Secondary Education: English/ Speech/ Theatre; Grade Method: REG/P-F/AUD.** *Prerequisites: EDHD 300; and EDCI 390. Corequisite: EDCI 447.* Secondary English/speech/drama education majors only. Students must reserve one half day (or minimum of three hours) per week for observation. — 3 credits

0101 (12751) MW..... 2:00pm- 3:15pm (EDU 0114) Slater, W.

EDCI342A **Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG.** *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 352A, 362A, 372A and 322A. Elementary education majors only. — 3 credits

0101 (12761) M..... 9:30am-11:20am (EDU 1121) Roderick, J.
Time and room to be arranged Lab

EDCI342B **Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG.** *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 352B, 362B, 372B, 322B. Elementary education majors only. — 3 credits

0101 (12771) Tu..... 8:00am- 9:50am (EDU 1107) O'Flahavan, J.
Time and room to be arranged Lab

EDCI342C **Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD.** *Prerequisites: EDCI 397; and EDHD 300.* — 3 credits

0101 (12781) W..... 1:00pm- 3:00pm (EDU 1107) Wiencek, B.
Time and room to be arranged Lab

EDCI352A **Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG.** *Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300.* Teamed with EDCI 342A, 362A, 372A, 322A. Elementary education majors only. — 3 credits

0101 (12791) MW..... 8:30am- 9:20am (EDU 2121) Johnson, M.
Time and room to be arranged Lab

EDCI352B **Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG.** *Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300.* Teamed with EDCI 342B, 362B, 372B, 322B. Elementary education majors only. — 3 credits

0101 (12801) Th..... 9:30am-11:20am (EDU 2121) Rowan, T.
Time and room to be arranged Lab

EDCI352C **Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300.* — 3 credits

0101 (12811) MW.....10:30am-11:20am (EDU 2121) STAFF
Time and room to be arranged Lab

EDCI362A **Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG.** *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 322A, 342A, 352A, 372A. Elementary education majors only. — 3 credits

0101 (12821) M..... 1:00pm- 3:00pm (EDU 1121) Gambrell, L.
Time and room to be arranged Lab

EDCI362B Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG. *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 322B, 342B, 352B, 372B. Elementary education majors only. — 3 credits
0101 (12851) Tu..... 1:00pm- 2:50pm (EDU 2119) Afflerbach, P.
Time and room to be arranged Lab

EDCI362C Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD. *Prerequisites: EDCI 397; and EDHD 300.* — 3 credits
0101 (12841) M..... 8:30am-10:30am (EDU 1121) Codling, R.
Time and room to be arranged Lab

EDCI371 Computers in the Science Classroom and Laboratory; Grade Method: REG. *Prerequisite: EDCI 370. Corequisites: EDCI 470; and EDCI 471. Senior standing. For EDCI majors only.* — 2 credits
0101 (12851) Th..... 5:15pm- 7:00pm (EDU 2212) Layman, J.

EDCI372A Curriculum and Instruction in Elementary Education: Science; Grade Method: REG. *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 322A, 342A, 352A, 362A. Elementary education majors only. — 3 credits
0101 (12861) W..... 1:00pm- 3:00pm (EDU 2212) McGinnis, J.
Time and room to be arranged Lab

EDCI372B Curriculum and Instruction in Elementary Education: Science; Grade Method: REG. *Prerequisites: EDCI 397; and EDHD 300.* Teamed with EDCI 322B, 342B, 352B, 362B. Elementary education majors only. — 3 credits
0101 (12871) Tu.....10:00am-11:50am (EDU 2212) Jasalavich, S.
Time and room to be arranged Lab

EDCI372C Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD. *Prerequisites: EDCI 397; and EDHD 300.* — 3 credits
0101 (12881) W..... 8:30am-10:20am (EDU 2212) Holliday, W.
Time and room to be arranged Lab

EDCI385 Computers for Teachers; Grade Method: REG/P-F/AUD. *Prerequisite: admission to teacher education. Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDIT 406, EDIT 477, or EOSP 480.* — 3 credits
0101 (12891) TuTh..... 2:00pm- 3:15pm (EDU 0202) Mc Alister, B.
0201 (12892) MW..... 8:30am- 9:45am (EDU 0202) Gordon, C.

EDCI386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

EDCI390 Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD. *Pre- or corequisite: EDHD 300, or permission of department.* — 3 credits
0101 (12941) Tu..... 4:15pm- 7:00pm (EDU 1121) Gentzler, Y.
Time and room to be arranged Lab
0201 (12942) W..... 7:00pm- 9:45pm (EDU 2119) Stasinowsky, H.
Time and room to be arranged Lab

EDCI397 Principles and Methods of Teaching in Elementary Schools; Grade Method: REG/P-F/AUD. *Prerequisite: admission to teacher education. For elementary education majors only.* — 3 credits
0101 (12952) TuTh..... 9:30am-10:45am (EDU 2119) McGinnis, J.
0201 (12953) MW..... 2:00pm- 3:15pm (EDU 3236) Wineburg, M.

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F. *Prerequisite: EDCI 300. Limited to art education majors who have previously applied.* — 4-8 credits
0101 (12963) Time and room to be arranged McWhinnie, H.

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F. *Prerequisite: EDCI 300.* — 2-8 credits
0101 (12973) Time and room to be arranged McWhinnie, H.

EDCI403 Teaching of Art Criticism in Public Schools; Grade Method: REG/P-F/AUD. — 3 credits
0101 (12983) Tu..... 1:00pm- 4:00pm (EDU 2102) Craig, R.

EDCI407 Practicum in Art Education: Three-Dimensional; Grade Method: REG/P-F/AUD. *For pre-art education and art education majors only.* — 3 credits
0101 (12993) Th..... 4:15pm- 7:00pm (EDU 1315) Craig, R.

EDCI410 The Child and the Curriculum: Early Childhood; Grade Method: REG/P-F/AUD. — 3 credits
0101 (13003) W..... 4:15pm- 7:00pm (EDU 2101) Amershek, K.

EDCI411 Student Teaching: Preschool; Grade Method: S-F. *For EDCI majors only.* — 4 credits
0101 (13013) Time and room to be arranged Amershek, K.

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F. *For EDCI majors only.* — 4 credits
0101 (13023) Time and room to be arranged Amershek, K.

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F. *For EDCI majors only.* — 8 credits
0101 (13033) Time and room to be arranged Amershek, K.

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F. *Corequisite: EDCI 421 or EDCI 422.* — 3 credits
0101 (13043) W..... 4:15pm- 7:00pm (LEF 1220) Vinson, K.

EDCI421 Student Teaching in Secondary Schools: Social Studies/History; Grade Method: S-F. *Prerequisite: EDCI 320. Corequisite: EDCI 420.* — 12 credits
0101 (13053) Time and room to be arranged Cirrincione, J.

EDCI427 Teaching Writing to Limited English Proficiency Students; Grade Method: REG/P-F/AUD. *Prerequisites: EDCI 330 and EDCI 434 or permission of department. Junior standing.* — 3 credits
0101 (13063) Tu..... 4:15pm- 7:00pm (EDU 0206) Wong, S.

EDCI430 Student Teaching Seminar in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD. *Prerequisite: EDCI 330. Corequisite: EDCI 431.* — 3 credits
0101 (13073) W..... 4:15pm- 7:00pm (EDU 0210) STAFF

EDCI431 Student Teaching in Secondary Schools: Foreign Language; Grade Method: S-F. *Prerequisite: EDCI 330. Corequisite: EDCI 430.* — 12 credits
0101 (13083) Time and room to be arranged STAFF

EDCI438 (PermReq) Field Experience in TESOL; Grade Method: REG/P-F/AUD. — 3 credits
0101 (13093) Time and room to be arranged Wong, S.

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; Grade Method: S-F. *Prerequisite: EDCI 340. Corequisite: EDCI 441. Meets Feb 9, March 9, April 6, May 4.* — 1 credit
0101 (13103) W..... 4:15pm- 5:45pm (ASY 3221) STAFF

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F. *Prerequisite: EDCI 340 or EDCI 442 or EDCI 448. Corequisite: EDCI 440.* — 6-12 credits
0101 (13113) Time and room to be arranged Slater, W.

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F. *Prerequisite: EDCI 340. Corequisite: EDCI 440.* — 6-12 credits
0101 (13123) Time and room to be arranged McCaleb, J.

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD. *For elementary education and pre-elementary education majors only.* — 3 credits
0101 (13133) Tu..... 1:00pm- 4:00pm (EDU 0114) Heidelbach, R.
0201 (13134) Th..... 1:00pm- 4:00pm (EDU 0114) Heidelbach, R.

EDCI448 Methods of Teaching English, Speech, Theatre in Secondary Schools; Grade Method: REG. *Prerequisites: EDHD 300; and EDCI 390; or permission of department.* — 3 credits
0101 (13144) MW..... 2:00pm- 3:15pm (EDU 0114) Slater, W.

EDCI447 Field Experience in English, Speech, Theatre Teaching; Grade Method: S-F. *Corequisite: EDCI 340.* Secondary English/speech/drama education majors only. Students must reserve one half day (or minimum of three hours) per week for observation. — 1 credit
0101 (13154) Time and room to be arranged Slater, W.

EDCI448 Student Teaching in Secondary Schools: Theatre; Grade Method: S-F. — 6-12 credits
0101 (13164) Time and room to be arranged McCaleb, J.

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD. *Corequisite: EDCI 451.* — 3 credits
0101 (13174) M..... 4:15pm- 7:00pm (EDU 2212) STAFF

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F. *Prerequisite: EDCI 350.* — 12 credits
0101 (13184) Time and room to be arranged STAFF

EDCI457 Teaching Secondary Students with Difficulties in Learning Mathematics; Grade Method: REG. *Corequisite: EDCI 390 or permission of department.* — 3 credits
0101 (13194) TuTh..... 3:45pm- 5:00pm (EDU 2121) Graeber, A.

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD. — 3 credits
0101 (13204) W..... 4:15pm- 7:00pm (JMZ 0122) Grant, R.
0201 (13205) Tu..... 4:15pm- 7:00pm (COL 3111) Menke, D.

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD. *Prerequisite: EDCI 362 or EDCI 463.* — 3 credits
0101 (13215) Th..... 4:15pm- 7:00pm (EDU 2119) Sarachq, O.
0201 (13216) Tu..... 4:15pm- 7:00pm (SCP 2117) Sarachq, O.
0301 (13217) W..... 4:15pm- 7:00pm (COL 3112) Gambrell, L.

EDCI466 Literature for Adolescents; Grade Method: REG/P-F/AUD. — 3 credits
0101 (13227) Tu..... 7:00pm- 9:45pm (EDU 0202) McCaleb, J.

EDCI470 Student Teaching Seminar in Secondary Education: Science; Grade Method: REG. *Prerequisite: EDCI 370. Corequisites: EDCI 371; and EDCI 471. Senior standing. For EDCI majors only.* — 1 credit
0101 (13237) Th..... 4:15pm- 5:15pm (EDU 2212) Layman, J.

EDCI471 Student Teaching in Secondary Schools: Science; Grade Method: S-F. *Prerequisite: EDCI 370. For EDCI majors only.* — 12 credits
0101 (13247) Time and room to be arranged Layman, J.

EDCI481 Student Teaching: Elementary; Grade Method: S-F. *For EDCI majors only.* Limited to elementary majors who have previously applied. — 12 credits
0101 (13257) Time and room to be arranged STAFF

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F. *For EDCI majors only.* Limited to majors who have previously applied. Open to music education students enrolled in the Department of Curriculum and Instruction. — 4-6 credits
0101 (13267) Time and room to be arranged Folstrom, R.

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F. *For EDCI majors only.* Limited to majors who have previously applied. — 4-8 credits
0101 (13277) Time and room to be arranged Owens, L.

EDCI488D Selected Topics in Teacher Education: Multicultural Education in the Classroom; Grade Method: REG. — 3 credits
0101 (13287) W..... 4:15pm- 7:00pm (EDU 1107) Heidelbach, R.

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F. *For EDCI majors only.* — 12 credits
0101 (13337) Time and room to be arranged Owens, L.

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F. *For EDCI majors only.* — 2-8 credits
0101 (13347) Time and room to be arranged Folstrom, R.

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F. *For EDCI majors only.* — 2-8 credits
0101 (13357) Time and room to be arranged Owens, L.

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI602 The Teaching of Aesthetics in the Public Schools; Grade Method: REG/AUD. — 3 credits
0101 (13409) Tu..... 1:00pm- 4:00pm (EDU 2102) Craig, R.

EDCI612 Teaching Strategies in Early Childhood Education; Grade Method: REG/AUD. — 3 credits
0101 (13419) M..... 4:15pm- 7:00pm (EDU 2203) Klein, E.

EDCI630 Trends and Issues in Foreign Language and English as a Second Language; Grade Method: REG/AUD. — 3 credits
0101 (13429) Th..... 4:15pm- 7:00pm (TWS 0131) Delorenzo, W.

EDCI631 Testing in the Foreign Language/ESL Classroom; Grade Method: REG/AUD. — 3 credits
0101 (13439) M..... 4:15pm- 7:00pm (EDU 1315) Delorenzo, W.

EDCI637 (PermReq) Advanced Laboratory Practice in Foreign Language/TESOL Education; Grade Method: REG/AUD. *Prerequisites: EDCI 434; and EDCI 634; or permission of department.* — 2-6 credits
0101 (13449) Time and room to be arranged Wong, S.

EDCI654 Diagnosis and Treatment of Learning Disabilities in Mathematics II; Grade Method: REG/AUD. *Prerequisite: EDCI 653 or permission of department.* — 3 credits
0101 (13459) M..... 4:15pm- 7:00pm (EDU 2121) Graeber, A.

EDCI661 Teaching Reading in the Content Areas; Grade Method: REG/AUD. *Prerequisite: EDCI 362 or EDCI 463.* — 3 credits
0101 (13469) Th..... 4:15pm- 7:00pm (EDU 1121) Dreher, M.

EDCI663 Issues in Reading Education - Elementary; Grade Method: REG/AUD. *Prerequisite: EDCI 660.* — 3 credits
0101 (13479) Tu..... 4:15pm- 7:00pm (EDU 0114) Afflerbach, P.

EDCI665 Clinical Remediation of Reading Disabilities; Grade Method: REG/AUD. *Prerequisites: EDCI 660; and EDCI 663 or EDCI 667.* For reading majors only. — 3 credits
0101 (13489) M..... 4:15pm- 7:00pm (EDU 0114) Grant, R.

EDCI667 Issues in Reading Education - Secondary; Grade Method: REG/AUD. *Prerequisite: EDCI 660.* — 3 credits
0101 (13499) Tu..... 4:15pm- 7:00pm (EDU 0114) Afflerbach, P.

EDCI670 Trends in School Curriculum: Science; Grade Method: REG/AUD. — 3 credits
0101 (13509) Tu..... 4:15pm- 7:00pm (EDU 2212) Holliday, W.

EDCI671 Teaching Science in Elementary Schools; Grade Method: REG/AUD. — 3 credits
0101 (13519) W..... 4:15pm- 7:00pm (EDU 2212) McGinnis, J.

EDCI685 Research Methods; Grade Method: REG/AUD. — 3 credits
0101 (13529) W..... 4:15pm- 7:00pm (TWS 2230) Slater, W.

EDCI696 (PermReq) Conducting Research on Teaching; Grade Method: REG. *Prerequisite: permission of department.* Master's certification students only. — 3 credits
0101 (13539) Th..... 4:15pm- 7:00pm (EDU 2101) Roderick, J.
0201 (13540) Th..... 4:15pm- 7:00pm (JMZ 0204) STAFF

EDCI700 Theory and Research in Art Education; Grade Method: REG/AUD. — 3 credits
0101 (13550) W..... 7:00pm- 9:45pm (JMP 1215) McWhinnie, H.

EDCI711 Education and Group Care of the Infant and Young Child; Grade Method: REG/AUD. *Prerequisite: EDMS 645 or permission of department.* — 3 credits
0101 (13560) W..... 4:15pm- 7:00pm (EDU 2203) Fein, G.

EDCI732 Psycholinguistic Theory in Second Language Acquisition; Grade Method: REG/AUD. *Prerequisites: EDCI 434 and EDCI 630 or permission of department.* — 3 credits
0101 (13570) W..... 4:15pm- 7:00pm (ASY 3211) Wong, S.

EDCI750 Theory and Research in Mathematics Education; Grade Method: REG/AUD. *Prerequisite: EDCI 650.* — 3 credits
0101 (13580) M..... 4:15pm- 7:00pm (EDU 2121) Carey, D.

EDCI780 Theory and Research on Teaching; Grade Method: REG/AUD. — 3 credits
0101 (13590) M..... 7:00pm- 9:45pm (EDU 3233) VanSledright, B

EDCI788 Selected Topics in Teacher Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI788G (PermReq) Selected Topics in Teacher Education: Pro Seminar; Grade Method: REG. Master's certification students only. — 1 credit
0101 (13601) Th..... 1:00pm- 2:30pm (EDU 2102) Howard, B.
0201 (13602) Th..... 2:30pm- 4:00pm (EDU 2102) Howard, B.

EDCI788P Selected Topics in Teacher Education: Psycholinguistic Theory Base of Second Language Education; Grade Method: REG/AUD. — 3 credits
0101 (13612) Tu..... 4:15pm- 7:00pm (COL 3114) STAFF

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD. — 1-3 credits
0101 (13701) F.....10:00am-12:00pm (EDU 2121) Carey, D.
Time and room to be arranged Lab

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCI899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCP Education Counseling and Personnel Services (Education)

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; Grade Method: REG/P-F/AUD. — 1 credit
0101 (13682) MW..... 9:00am-10:00am (SHM 2101) Van Brunt, J.
0201 (13683) Meets 03/28/94-05/09/94 Toepfer, E.
MWF..... 8:00am- 9:00am (SHM 2102)
0301 (13684) Meets 03/28/94-05/09/94 Van Brunt, J.
MWF.....12:00pm- 1:00pm (LEF 2208)

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; Grade Method: REG/P-F/AUD. — 1 credit
0101 (13694) M..... 1:00pm- 3:00pm (EDU 0202) STAFF
0201 (13695) M..... 2:00pm- 4:00pm (EDU 0206) STAFF
0301 (13696) Tu.....12:30pm- 2:30pm (COL 3114) STAFF
0401 (13697) Tu..... 2:00pm- 4:00pm (TWS 2230) STAFF
0601 (13698) W..... 2:00pm- 4:00pm (EDU 0206) STAFF

EDCP108G College and Career Advancement: Concepts and Skills: Academic Strategies for Transfer Students; Grade Method: REG/P-F/AUD. — 1 credit
0101 (13908) MW..... 1:00pm- 2:00pm (TYD 0117) Van Brunt, J.

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; Grade Method: REG/AUD. Enrollment limited to students concurrently enrolled in MATH 001 or MATH 001B. — 1 credit
0101 (13918) Meets 01/19/94-03/24/94 Shearn, E.
MWF..... 9:00am- 9:50am (ARM 0102)

EDCP108N College and Career Advancement: Concepts and Skills: Academic and Career Advancement: Minority Students; Grade Method: REG. — 1 credit
0101 (13928) M.....11:00am-12:00pm (HBK 1108) Fuertes, J.
0105 (13929) F..... 9:00am-10:00am (HBK 0117) Liu, W.
0201 (13930) W.....11:00am-12:00pm (HBK 0125) Smith, J.
Restricted to freshmen, sophomores and transfer students.
0301 (13931) F.....11:00am-12:00pm (HBK 0125) Bobo, D.
Restricted to first-year students and sophomores.
0405 (13932) Time and room to be arranged Liu, W.
0501 (13933) Tu..... 1:00pm- 2:00pm (HBK 0125) Jackson, J.
0601 (13934) Tu.....12:00pm- 1:00pm (ZOP 1228) Zeigler, R.
0701 (13935) M.....12:00pm- 1:00pm (HBK 1116) Bass, D.
Restricted to first-year students and sophomores.

EDCP108O College and Career Advancement: Concepts and Skills: The Student in the University; Grade Method: REG/P-F/AUD. For transfer students only. Limited to students with 15 or more credits. — 1 credit
0101 (13945) Th..... 2:00pm- 4:00pm (TWS 2230) Killmeyer, M.

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; Grade Method: REG/P-F/AUD. — 1 credit
0101 (13955) W..... 1:00pm- 3:00pm (EDU 0210) Greenfeig, B.
0201 (13956) Th.....12:30pm- 2:30pm (EDU 2203) Goldberg, B.

EDCP108T College and Career Advancement: Concepts and Skills: Time Management; Grade Method: REG. Course is team taught by B. Goldberg and B. Greenfeig. — 1 credit
0101 (13966) M.....11:00am- 1:00pm (JRN 1105) Greenfeig, B.

EDCP310A Peer Counseling Theory and Skills; Grade Method: REG. Minority peer counseling. Instructor permission required to add this course after first week of classes. — 3 credits
0101 (13976) W..... 2:00pm- 4:45pm (HBK 1108) Cothran, M.

EDCP386 (PermReq) Experiential Learning; Grade Method: REG. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Restricted to students with learning contracts approved prior to Dec. 10, 1993. — 3 credits
0101 (13986) Time and room to be arranged Komives, S.

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* — 3 credits
0101 (13996) TuTh.....11:00am-12:15pm (EDU 0114) Osteen, J.
0201 (13997) TuTh..... 2:00pm- 3:15pm (EDU 0206) Osteen, J.
0401 (13998) TuTh.....11:00am-12:15pm (EDU 0206) Osteen, J.

EDCP420 Education and Racism; Grade Method: REG/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (14008) M..... 4:15pm- 7:00pm (ASY 3207) STAFF

EDCP461 Psycho-Social Aspects of Disability; Grade Method: REG/P-F/AUD. — 3 credits
0101 (14018) M..... 4:15pm- 7:00pm (EDU 0206) Power, P.

EDCP470 (PermReq) Introduction to Student Personnel; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* 0101, 0201, 0301, and 0401 for para-proffessionals in the residence halls. 0601 for orientation advisors. — 3 credits
0101 (14026) M..... 3:00pm- 5:45pm (Arranged) Mielke, P.
0201 (14029) M..... 6:00pm- 8:45pm (Arranged) Mielke, P.
0301 (14030) Tu..... 3:30pm- 6:15pm (Arranged) Mielke, P.
0401 (14031) W..... 2:00pm- 4:45pm (Arranged) Mielke, P.
0601 (14032) TuTh..... 3:30pm- 4:45pm (TWS 0135) Strumpf, G.

EDCP489 (PermReq) Field Experiences in Counseling and Personnel Services; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDCP606 Counseling Adults in Transition; Grade Method: REG/AUD. — 3 credits
0101 (14081) M..... 4:15pm- 7:00pm (EDU 3233) Schlossberg, N.

EDCP611 Career Development Theory and Programs; Grade Method: REG/AUD. — 3 credits
0101 (14091) Th..... 4:15pm- 7:00pm (EDU 3315) Power, P.

0201 (14092) Th..... 4:15pm- 7:00pm (EDU 3315) Hershenson, D.

EDCP615 (PermReq) — Counseling I: Appraisal; Grade Method: REG/AUD. 3 credits
Corequisite: EDCP 618. For EDCP majors only.
0101 (14102) Tu..... 4:15pm- 7:00pm (EDU 2119) Rogers, M.

EDCP618 (PermReq) — Counseling Skills: Introduction to Practicum; Grade Method: REG/AUD. Corequisite: EDCP 615. 1 credit
0101 (14112) M..... 7:00pm- 9:00pm (EDU 0212) Lab STAFF

EDCP619R — Practicum in Counseling: Rehabilitation; Grade Method: REG. 3 credits
0101 (14122) M..... 4:15pm- 7:00pm (JMZ 2207) Lawrence, R.

EDCP619S (PermReq) — Practicum in Counseling: Schools; Grade Method: REG. Limited to school counseling. 3 credits
0101 (14132) Tu..... 4:15pm- 7:00pm (EDU 0210) Greenberg, K.
0201 (14133) Tu..... 4:15pm- 7:00pm (JMZ 1224) Wilson, C.

EDCP619U (PermReq) — Practicum in Counseling; Grade Method: REG. Limited to CSPA majors only. 3 credits
0101 (14143) Tu..... 4:15pm- 7:00pm (TWS 2230) Lawrence, R.
0201 (14144) Tu..... 1:00pm- 4:00pm (EDU 0210) Slyter, S.

EDCP633 (PermReq) — Diagnostic Appraisal of Children I; Grade Method: REG. *Prerequisite: EDCP 726. Corequisite: EDCP 738.* 3 credits
0101 (14154) Tu..... 9:30am-12:15pm (EDU 1203) STAFF

EDCP636 — Therapeutic Techniques and Classroom Management II; Grade Method: REG/AUD. *Prerequisite: EDCP 635.* 3 credits
0101 (14164) W..... 1:30pm- 4:15pm (EDU 2203) Rosenfield, S.

EDCP655 — Organization and Administration of Personnel Services; Grade Method: REG/AUD. *Prerequisite: EDCP 619 or permission of department.* 2 credits
0101 (14174) W..... 3:15pm- 6:00pm (EDU 3236) Komives, S.

EDCP656 — Counseling and Personnel Services Seminar; Grade Method: REG. 2 credits
0101 (14184) Th..... 4:15pm- 7:00pm (EDU 3236) Greenberg, K.

EDCP663 — Rehabilitation in Long-Term Mental Disabilities; Grade Method: REG/AUD. *Prerequisite: EDCP 610 or permission of department.* 3 credits
0101 (14194) W..... 4:15pm- 7:00pm (EDU 0114) Fabian, E.

EDCP664 — Vocational Evaluation; Grade Method: REG/AUD. 3 credits
0101 (14204) Tu..... 4:15pm- 7:00pm (EDU 3315) Power, P.
0201 (14205) Tu..... 4:15pm- 7:00pm (EDU 3315) Hershenson, D.
For community counseling students only.

EDCP665 — Family and Social Support Systems; Grade Method: REG/AUD. *Recommended: EDCP 610.* 3 credits
0101 (14215) M..... 4:15pm- 7:00pm (ASY 3221) Kendall, J.

EDCP718 — Advanced Seminar in Group Processes; Grade Method: REG/AUD. 3 credits
0101 (14225) Tu..... 2:00pm- 5:00pm (JMZ 2117) Phillips, P.

EDCP738 (PermReq) — Practicum in Child Assessment: Practicum in Assessment; Grade Method: REG/AUD. 3 credits
0101 (14235) Tu..... 9:30am-12:30pm (EDU 3233) Lab Teglasi-Golubco

EDCP745 (PermReq) — Supervision of Counseling; Grade Method: REG/AUD. *Prerequisite: permission of department. Open to doctoral students only. For EDCP majors only.* 3 credits
0101 (14245) W.....12:30pm- 3:00pm (EDU 0202) Birk, J.

EDCP771 — The College Student; Grade Method: REG/AUD. Limited to Master's CSPA students. 3 credits
0101 (14255) W..... 3:00pm- 6:00pm (EDU 0202) McEwen, M.

EDCP776 (PermReq) — Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG. *Prerequisite. permission of department.* 3 credits
0101 (14265) Tu..... 1:00pm- 4:00pm (SHM 1103) Westbrook, F.
0201 (14266) W..... 9:00am-12:00pm (EDU 3236) Birk, J.

EDCP777 (PermReq) — Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG/AUD. *Prerequisites: EDCP 776 and permission of department.* 3 credits
0101 (14276) Tu..... 1:00pm- 3:30pm (EDU 1203) Fassinger, R.

EDCP778 — Research Proposal Seminar; Grade Method: REG. 3 credits
0101 (14286) M..... 4:15pm- 7:00pm (SHM 1101B) Sedlacek, W.

EDCP789I — Advanced Topics in Counseling and Personnel Services: Professional Issues; Grade Method: REG/AUD. 1 credit
0101 (14296) Time and room to be arranged Hoffman, M.

EDCP789K — Advanced Topics in Counseling and Personnel Services: Environmental Assessment and Design; Grade Method: REG/AUD. 3 credits
0101 (14306) Tu..... 4:15pm- 7:00pm (EDU 0202) Komives, S.

EDCP789N — Advanced Topics in Counseling and Personnel Services: Therapeutic Interventions for Children; Grade Method: REG/AUD. 3 credits
0101 (14316) M..... 7:00pm- 9:45pm (EDU 3236) Strein, W.

EDCP789R — Advanced Topics in Counseling and Personnel Services: Counseling Issues: AIDS/HIV; Grade Method: REG. 3 credits
0101 (14326) W..... 9:00am-12:00pm (EDU 2102) Hoffman, M.

EDCP788 (PermReq) — Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP888 (PermReq) — Apprenticeship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDCP888C — Apprenticeship in Counseling and Personnel Services: Community Counseling Apprenticeship; Grade Method: REG. 4 credits
0201 (14460) Time and room to be arranged STAFF

EDCP888R — Apprenticeship in Counseling and Personnel Services; Grade Method: REG. For second year Rehabilitation Counseling students only. Class will meet on 1/31, 2/14, 3/7, 4/4 and 5/2. 3 credits
3501 (14470) M..... 7:00pm- 9:30pm (Arranged) Scales, W.

EDCP888S — Apprenticeship in Counseling and Personnel Services: School Psychology; Grade Method: REG/AUD. 1-8 credits
0101 (14480) Time and room to be arranged Rogers, M.

EDCP889 (PermReq) — Internship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDCP899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDHD Education, Human Development (Education)

EDHD230 — Human Development and Societal Institutions; Grade Method: REG/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Credit will be granted for only one of the following: EDHD 230 or EDHD 330. Formerly EDHD 330.* 3 credits
0101 (14621) TuTh..... 9:30am-10:45am (EDU 1315) STAFF

EDHD300E (PermReq) — Human Development and Learning; Grade Method: REG/AUD. *Prerequisite: admission to teacher education program.* Elementary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. 6 credits
0201 (14631) MW.....10:00am-12:00pm (EDU 3315) STAFF
F..... 8:00am- 1:00pm (Arranged) Lab
0301 (14632) TuTh..... 9:00am-11:00am (EDU 3315) STAFF
W..... 8:00am- 1:00pm (Arranged) Lab

EDHD300S (PermReq) — Human Development and Learning; Grade Method: REG/AUD. *Prerequisite: admission to teacher education program.* Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. 6 credits
0601 (14642) MW..... 9:00am-11:00am (EDU 1107) STAFF
Tu..... 8:00am- 1:00pm (Arranged) Lab
0701 (14643) MF.....12:00pm- 2:00pm (EDU 3315) STAFF
W..... 8:00am- 1:00pm (Arranged) Lab

EDHD306 — Study of Human Behavior; Grade Method: REG/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (14653) TuTh..... 2:00pm- 3:15pm (ARC 1127) STAFF
0201 (14654) MWF.....12:00pm-12:50pm (EDU 1107) STAFF
0401 (14655) TuTh..... 9:30am-10:45am (EDU 1121) STAFF

EDHD320 — Human Development through the Lifespan; Grade Method: REG/AUD. 3 credits
0201 (14665) TuTh.....11:00am-12:15pm (EDU 3315) STAFF
0301 (14666) MWF.....10:00am-10:50am (EDU 4233) STAFF
0401 (14667) TuTh..... 2:00pm- 3:15pm (EDU 4233) STAFF

EDHD386 (PermReq) — Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

EDHD400 — Introduction to Gerontology; Grade Method: REG/AUD. 3 credits
0101 (14698) M..... 4:15pm- 7:00pm (ASY 3219) Smith, G.

EDHD411 — Child Growth and Development; Grade Method: REG/AUD. 3 credits
0201 (14708) TuTh.....11:00am-12:15pm (EDU 2119) Byrnes, J.

EDHD413 — Adolescent Development; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0201 (14718) Tu..... 4:15pm- 7:00pm (COL 3109) STAFF

EDHD416 — Scientific Concepts in Human Development; Grade Method: REG/AUD. 3 credits
0101 (14728) M..... 4:15pm- 7:00pm (COL 3112) Marcus, R.

EDHD417 — Laboratory in Behavior Analysis; Grade Method: REG/P-F/AUD. *Prerequisite: EDHD 416.* 3 credits
0101 (14738) Time and room to be arranged Green, H.

EDHD419B — Human Development and Learning in School Settings: Human Development and Learning; Grade Method: REG/AUD. Intended for students who were enrolled in EDHD 419A the preceding Fall. For early childhood majors only. 3 credits
0101 (14748) Tu.....10:00am-12:00pm (EDU 1107) Eliot, J.
W..... 8:00am- 1:00pm (Arranged) Lab

EDHD420 — Cognitive Development and Learning; Grade Method: REG/AUD. *Prerequisite: EDHD 300 or EDHD 320 or EDHD 411 or PSYC 355 or PSYC 341 or permission of department.* 3 credits
0101 (14758) W..... 4:15pm- 7:00pm (ASY 3203) Byrnes, J.

EDHD445 — Guidance of Young Children; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.* 3 credits
0201 (14768) TuTh..... 2:00pm- 3:15pm (EDU 0212) Marcus, R.
0501 (14769) TuTh.....11:00am-12:15pm (EDU 1121) Marcus, R.

EDHD460 — Educational Psychology; Grade Method: REG/AUD. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.* 3 credits
0101 (14779) MW..... 3:00pm- 4:15pm (EDU 1107) STAFF

EDHD489 (PermReq) — Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

EDHD498 (PermReq) — Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD600 — Introduction to Human Development and Child Study; Grade Method: REG/AUD. 3 credits
0101 (14831) W..... 4:15pm- 7:00pm (ASY 3219) Robertson-Tchab

EDHD603 — Integrative Bases of Behavior; Grade Method: REG/AUD. *Prerequisites: EDHD 600 or equivalent; and EDHD 601, and EDHD 602.* Course is offered in the spring semester only. 3 credits
0101 (14841) M..... 4:15pm- 7:00pm (EDU 2102) STAFF

EDHD619A — Advanced Scientific Concepts in Human Development: History of Family and Childhood; Grade Method: REG/AUD. 3 credits
0101 (14851) M..... 4:15pm- 7:00pm (KEY 0107) Cooperman, B.
Time and room to be arranged Dis

EDHD630 — Cognitive Processes During Aging; Grade Method: REG/AUD. 3 credits
0101 (14861) Tu..... 4:15pm- 7:00pm (EDU 1203) Robertson-Tchab

EDHD701 — Training the Parent Educator; Grade Method: REG/AUD. *Recommended: course in child development.* 3 credits
0101 (14871) W..... 4:15pm- 7:00pm (EDU 1121) Flatter, C.

EDHD721 — Learning Theory and the Educative Process I; Grade Method: REG/AUD. 3 credits
0101 (14881) Tu..... 7:00pm- 9:45pm (EDU 3233) STAFF
0201 (14882) Tu..... 1:00pm- 3:45pm (JMZ 0118) Holloway, S.

EDHD780 — Research Methods in Human Development; Grade Method: REG/AUD. *Prerequisite: EDMS 651 or permission of department.* 3 credits
0101 (14892) Th..... 7:00pm- 9:45pm (EDU 2101) Guthrie, J.

EDHD789 — Internship in Human Development; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDHD798 (PermReq) — Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD810 — Physical Processes in Human Development I; Grade Method: REG/AUD. *Prerequisite: EDHD 601 or permission of department.* 3 credits
0101 (14948) M..... 1:00pm- 3:45pm (EDU 2203) Porges, S.

EDHD811 — Physical Processes in Human Development II; Grade Method: REG/AUD. *Prerequisite: EDHD 810 or permission of department.* Limited to doctoral students. Course is offered in the spring semester only. 3 credits
0101 (14958) Tu..... 4:15pm- 7:00pm (EDU 1315) Fox, N.

EDHD821 — Socialization Processes in Human Development II; Grade Method: REG/AUD. *Prerequisite: EDHD 820 or permission of department.* Limited to doctoral students. 3 credits
0101 (14968) M..... 4:15pm- 7:00pm (EDU 4233) Wentzel, K.

EDHD831 — Self Processes in Human Development II; Grade Method: REG/AUD. *Prerequisite: EDHD 830 or permission of department.* Course is offered in the spring semester only. 3 credits
0101 (14978) Th..... 4:15pm- 7:00pm (EDU 2203) Wigfield, A.

EDHD860 — Synthesis of Human Development Concepts; Grade Method: REG/AUD. *Prerequisites: EDHD 810; and EDHD 820; and EDHD 830.* Course is offered in the spring semester only. 3 credits
0101 (14988) M..... 4:15pm- 7:00pm (EDU 1203) Holloway, S.

EDHD878 (PermReq) — Team Research in Human Development; Grade Method: REG/AUD. 3 credits
0101 (14998) M..... 4:15pm- 7:00pm (TWS 0138) Seefeldt, C.
0201 (14999) Th..... 4:15pm- 7:00pm (JMZ 1117) Wentzel, K.
0301 (15000) Tu..... 4:15pm- 7:00pm (JMZ 1117) Flatter, C.

EDHD884 — Laboratory in Emotional Development; Grade Method: REG/AUD. *Prerequisite: EDHD 811 or permission of department.* 3 credits
0101 (15010) M..... 9:30am-12:45pm (EDU 1315) Fox, N.

EDHD888 (PermReq) — Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDHD889 (PermReq) — Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDHD899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-8 credits

EDIT Industrial, Technological and Occupational Education (Education)

EDIT101 — Mechanical Drawing I; Grade Method: REG/AUD. 2 credits
0101 (15130) MW.....10:00am-10:50am (JMP 3104) White, P.
MW.....11:00am-11:50am (JMP 2229) Lab

EDIT112 — Technical Calculations; Grade Method: REG. 3 credits
0101 (15140) MWF.....12:00pm-12:50pm (JMP 3104) Wolfe, S.

EDIT210 — Foundry; Grade Method: REG/P-F/AUD. Students must register for same section of EDIT 223. 1 credit
0301 (15150) TuTh..... 1:00pm- 3:00pm (JMP 1109) Pozonsky, C.
TuTh..... 1:00pm- 3:00pm (JMP 1108) Lab

EDIT223 — Arc and Gas Welding; Grade Method: REG/P-F/AUD. 1 credit
0301 (15160) Time and room to be arranged Pozonsky, C.

EDIT224 — Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD. *For industrial technology majors only.* Student must see instructor during first week of classes. 3 credits
0101 (15170) Time and room to be arranged Mc Alister, B.

EDIT227 — Applications of Electronics; Grade Method: REG. *Prerequisite: EDIT 127 or equivalent.* 3 credits
0101 (15180) TuTh..... 7:00pm- 9:45pm (JMP 2201) Wall, J.
TuTh..... 7:00pm- 9:45pm (JMP 2201) Lab

EDIT273 — Practicum in Ceramics; Grade Method: REG/P-F/AUD. 3 credits
0101 (15190) MF..... 1:00pm- 4:00pm (JMP 1215) McWhinnie, H.

EDIT291 — Introduction to Plastics Technology; Grade Method: REG/P-F/AUD. 3 credits
0101 (15200) MW..... 1:00pm- 4:00pm (JMP 1202) Wolfe, S.
MW..... 1:00pm- 4:00pm (JMP 1216) Lab

EDIT298 (PermReq) — Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT324 — Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD. *For industrial technology students only.* Student must see instructor during first week of classes. 3 credits
0101 (15216) Time and room to be arranged Mc Alister, B.

EDIT340 — Methods of Teaching Office Skills; Grade Method: REG. 3 credits
0101 (15226) Meets 01/18/94-03/11/94 Marschall, S.
TuTh..... 1:00pm- 3:50pm (JMP 3105)

EDIT342 — Curriculum, Instruction, and Observation: Home Economics Education; Grade Method: REG/P-F/AUD. Lab time will be arranged for Friday. 3 credits
0101 (15236) MW..... 1:00pm- 4:00pm (JMP 3104) Hultgren, F.

EDIT344 — Curriculum, Instruction, and Observation: Industrial Arts Education; Grade Method: REG/P-F/AUD. 3 credits
0101 (15246) Tu..... 7:00pm- 9:45pm (JMP 1202) Schuma, J.

EDIT350 — Methods of Teaching: Trades and Industrial Education; Grade Method: REG/P-F/AUD. 3 credits
0101 (15256) Tu..... 7:00pm- 9:45pm (JMP 1202) Schuma, J.

EDIT353 — Fire Safety Codes and Standards; Grade Method: REG/P-F/AUD. 3 credits
0101 (15266) M..... 7:00pm-10:00pm (JMP 2202) Schmidt, E.

EDIT362 — Advanced Metal Machining Processes; Grade Method: REG/P-F/AUD. *Prerequisite: EDIT 262 or equivalent.* 3 credits
0101 (15276) TuTh..... 9:00am-12:00pm (JMP 1109) Pozonsky, C.
TuTh..... 9:00am-12:00pm (JMP 1120) Lab

EDIT399 — Trade Competence; Grade Method: REG/P-F/AUD. 1-20 credits
0101 (15286) Time and room to be arranged Beatty, C.

EDIT406 — Word Processing; Grade Method: REG. 3 credits
0101 (15296) M..... 4:15pm- 7:00pm (JMP 2115) Spear, H.
0301 (15297) MW.....12:00pm- 1:15pm (JMP 2115) Spear, H.

EDIT418 — Financial and Economic Education II; Grade Method: REG. 3 credits
0101 (15307) Meets 01/18/94-03/11/94 Hewitt, M.
TuTh..... 4:00pm- 7:00pm (JMP 3201)
0201 (15308) Meets 01/18/94-03/11/94 Hewitt, M.
TuTh..... 7:00pm- 9:45pm (Arranged)

EDIT422 — Student Teaching: Industrial Arts Education; Grade Method: S-F. 2-12 credits
0101 (15318) Time and room to be arranged Beatty, C.

EDIT426 — Analysis of Industrial Training Programs II; Grade Method: REG/P-F/AUD. *Prerequisite: EDIT 425.* 3 credits
0101 (15328) W..... 4:15pm- 7:00pm (JMP 1202) Wolfe, S.

EDIT432 — Student Teaching: Business Education; Grade Method: S-F. 2-12 credits
0101 (15338) Time and room to be arranged Marschall, S.

EDIT440 — Industrial Hygiene; Grade Method: REG/P-F/AUD. 3 credits
0101 (15348) Th..... 7:00pm-10:00pm (JMP 2202) Marsick, D.

EDIT442 — Student Teaching: Home Economics Education; Grade Method: S-F. 2-12 credits
0101 (15358) Time and room to be arranged Hultgren, F.

EDIT444 — Industrial Safety II; Grade Method: REG/P-F/AUD. Must have at least 56 credits earned to register. 3 credits
0101 (15368) Tu..... 7:00pm-10:00pm (JMP 3201) Ashley, R.

EDIT450 — Training Aids Development; Grade Method: REG/P-F/AUD. 3 credits
0101 (15378) Th..... 4:15pm- 7:00pm (JMP 3105) Beatty, C.

EDIT455 — Private Fire Protection Analysis II; Grade Method: REG/P-F/AUD. *Prerequisite: EDIT 448.* 3 credits
0101 (15388) W..... 7:00pm-10:00pm (JMP 2202) Schmidt, E.

EDIT462 — Occupational Analysis and Course Construction; Grade Method: REG/P-F/AUD. 3 credits
0101 (15398) M..... 7:00pm-10:00pm (JMP 3105) Herschbach, D.

EDIT472 — Quality Control and Assurance in Industrial Settings; Grade Method: REG/P-F/AUD. 3 credits
0101 (15408) M..... 4:15pm- 7:00pm (JMP 1202) Sullivan, D.

EDIT475 — Recent Technological Developments in Products and Processes; Grade Method: REG/P-F/AUD. 3 credits
0101 (15418) Tu..... 4:15pm- 7:00pm (JMP 2202) Wall, J.

EDIT478 — Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits

0101 (15428) MWF..... 9:00am- 9:50am (JMP 3201) Mc Alister, B.
0201 (15429) MWF.....10:00am-10:50am (JMP 3201) Sullivan, D.
0301 (15430) MWF.....12:00pm-12:50pm (JMP 3105) Mc Alister, B.
0401 (15431) MWF.....12:00pm-12:50pm (JMP 3201) Sullivan, D.

EDIT482 Student Teaching: Trade and Industrial Education; Grade Method: S-F. 2-12 credits
0101 (15441) Time and room to be arranged STAFF

EDIT488D Selected Topics in Education: Computer-Aided Drafting and Design; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 101, EDIT 160 or equivalent; EDIT majors or permission of department. 3 credits
0101 (15451) MW..... 8:00am-10:00am (JMP 2115) Pozonsky, C.
MW..... 8:00am-10:00am (JMP 2115) Lab

EDIT492 Issues Encountered in Daily Living in the Home; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Junior standing.* 3 credits
0101 (15461) TuTh..... 1:00pm- 2:30pm (JMP 3104) Browne, L.
0301 (15462) TuTh..... 1:00pm- 2:30pm (JMP 2202) Gentzler, Y.

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD. 1-3 credits
0101 (15482) Th..... 7:00pm- 8:00pm (JMP 3105) Beatty, C.

EDIT499R Workshops, Clinics, and Institutes: Work Experience, Trade Advancement; Grade Method: REG/P-F/AUD. 1-6 credits
0101 (15492) Time and room to be arranged Beatty, C.

EDIT647 Seminar in Industrial Arts and Vocational Education; Grade Method: REG. 3 credits
0101 (15502) M..... 4:15pm- 7:00pm (JMP 3105) Sullivan, D.

EDIT676 Planning and Policy Issues in Vocational and Technical Education; Grade Method: REG/AUD. *Prerequisite: EDIT 471 or permission of department.* 3 credits
0101 (15512) W..... 4:15pm- 7:00pm (JMP 3104) Herschbach, D.

EDIT798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDIT889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDIT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Classroom Assessment; Grade Method: REG/AUD. *Junior standing.* 3 credits
0101 (15611) TuTh..... 2:00pm- 3:15pm (EDU 3236) Lissitz, R.
0102 (15612) MW..... 2:00pm- 3:15pm (EDU 4233) Herrick, M.
0103 (15613) TuTh..... 2:00pm- 3:15pm (COL 3112) STAFF

EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. *Junior standing.* Limited to students with cumulative credits of 60. Students in programs requiring a different introductory applied statistics course for the major, eg., BMGT, PSYC, ECON and possibly others, may not use EDMS 451 to satisfy the USP Advanced Studies requirement. 3 credits
0101 (15623) TuTh..... 2:00pm- 3:15pm (EDU 3315) Macready, G.
0201 (15624) MW..... 2:00pm- 3:15pm (ASY 3221) Fein, M.
0301 (15625) TuTh..... 2:00pm- 3:15pm (EDU 1121) STAFF
0401 (15626) TuTh.....12:30pm- 1:45pm (EDU 3315) Macready, G.
0501 (15627) MW.....10:00am-11:15am (EDU 2119) Johnson, C.

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD. 3 credits
0101 (15637) MW..... 5:00pm- 6:15pm (EDU 0212) Johnson, C.
0102 (15638) TuTh..... 7:00pm- 8:15pm (EDU 1107) DeAyala, R.
0103 (15639) TuTh..... 5:00pm- 6:15pm (TWS 0135) DeAyala, R.

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD. *Prerequisite: EDMS 645.* 3 credits
0101 (15649) TuTh..... 5:00pm- 6:15pm (EDU 3233) Gold, K.
0102 (15650) TuTh..... 7:00pm- 8:15pm (EDU 4233) Tam, H.
0103 (15651) MW..... 5:00pm- 6:15pm (TWS 0135) Schafer, W.

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD. *Prerequisite: EDMS 646 or equivalent.* EDMS majors must take one credit of EDMS 779 concurrently. 3 credits
0101 (15661) TuTh..... 5:00pm- 6:15pm (EDU 0212) Schafer, W.

EDMS653 Correlation and Regression Analysis; Grade Method: REG/AUD. *Prerequisite: EDMS 651.* 3 credits
0101 (15671) Tu..... 4:15pm- 7:00pm (ASY 3221) Dayton, C.

EDMS722 Structural Modeling; Grade Method: REG/AUD. *Prerequisite: EDMS 657.* 3 credits
0101 (15681) W..... 4:15pm- 7:00pm (TWS 0136) Gold, K.

EDMS769C Special Topics in Applied Statistics in Education: Categorical Data; Grade Method: REG/AUD. 3 credits
0101 (15691) M..... 4:15pm- 7:00pm (EDU 4233) Tam, H.

EDMS771 Design of Experiments; Grade Method: REG/AUD. *Prerequisite: EDMS 646.* EDMS majors must take one credit of EDMS 779 concurrently. Course is offered in the spring semester only. 3 credits
0101 (15701) MW..... 5:00pm- 6:15pm (EDU 3315) Dayton, C.

EDMS779 Seminar in Applied Statistics; Grade Method: REG/AUD. Restricted to department majors only. One credit must be taken concurrently with EDMS 651 and EDMS 771. 1-3 credits
0101 (15711) Time and room to be arranged Dayton, C.
0601 (15712) Time and room to be arranged Schafer, W.

EDMS798 Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDPA Education Policy, Planning and Administration (Education)

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD. Junior standing. 3 credits
0101 (15803) MW.....11:00am-12:15pm (EDU 3233) Hopkins, R.
0201 (15804) MW.....12:30pm- 1:45pm (EDU 3233) Hopkins, R.
0301 (15805) MW..... 2:00pm- 3:15pm (EDU 2102) STAFF
0401 (15806) MW..... 4:15pm- 5:30pm (EDU 2119) STAFF
0501 (15807) TuTh..... 9:30am-10:45am (EDU 2101) Splaine, J.
0601 (15808) TuTh.....11:00am-12:15pm (EDU 2101) STAFF
0701 (15809) TuTh.....12:30pm- 1:45pm (EDU 2101) Lindsay, R.
0801 (15810) TuTh..... 2:00pm- 3:15pm (EDU 2101) Lindsay, R.
0901 (15811) TuTh..... 4:15pm- 5:30pm (EDU 2102) Herschbach, D.

EDPA386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

EDPA489 Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Interns in administration register for section 0101; curriculum theory in section 0201; education policy and social foundations of education in section 0301; and higher education in section 0401. 1-4 credits

EDPA498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDPA601 Contemporary Social Issues in Education; Grade Method: REG/AUD. 3 credits
0101 (15867) Tu..... 4:15pm- 7:00pm (TWS 0138) Lindsay, R.

EDPA613 Educational Sociology; Grade Method: REG/AUD. 3 credits
0101 (15877) M..... 4:15pm- 7:00pm (TWS 0131) Huden, D.

EDPA622 Education Policy, Values, and Social Change; Grade Method: REG/AUD. 3 credits
0101 (15887) M..... 7:00pm- 9:45pm (EDU 2102) Huden, D.

EDPA634 The School Curriculum; Grade Method: REG/AUD. 3 credits
0101 (15897) M..... 7:00pm- 9:45pm (EDU 2101) Selden, S.

EDPA640 Introduction to Educational Administration; Grade Method: REG/AUD. 3 credits
0101 (15907) Th..... 4:15pm- 7:00pm (EDU 0114) Andrews, J.

EDPA641 Planning and Goal Setting in Educational Organizations; Grade Method: REG/AUD. 3 credits
0101 (15917) M..... 7:00pm- 9:45pm (EDU 2119) Conley, S.

EDPA647 Seminar on Administration of Instructional Improvement; Grade Method: REG/AUD. *Prerequisite: EDPA 645, EDPA 646 or equivalent.* 3 credits
0101 (15927) M..... 4:15pm- 7:00pm (EDU 0202) Collinson, V.

EDPA652 Higher Education in American Society; Grade Method: REG/AUD. 3 credits
0101 (15937) M..... 7:00pm- 9:45pm (EDU 2203) STAFF

EDPA657 History of Higher Education in the United States; Grade Method: REG/AUD. 3 credits
0101 (15947) M..... 4:15pm- 7:00pm (EDU 3236) Finkelstein, B.

EDPA670 Individual and Group Behavior; Grade Method: REG/AUD. 3 credits
0101 (15957) Th..... 4:15pm- 7:00pm (EDU 0202) Dubel, R.

EDPA671 Elementary and Secondary School Law; Grade Method: REG/AUD. 3 credits
0101 (15967) Th..... 7:00pm- 9:45pm (EDU 2102) Clague, M.

EDPA679 Master's Seminar; Grade Method: REG/AUD. 3 credits
0101 (15977) Time and room to be arranged Hultgren, F.

EDPA689 Practicum in Educational Administration and Supervision; Grade Method: S-F. 3 credits
0101 (15987) M..... 7:00pm- 9:45pm (EDU 1121) Enomoto, E.

EDPA690 Research in Education Policy, Planning and Administration; Grade Method: REG/AUD. 3 credits
0101 (15997) W..... 7:00pm- 9:45pm (EDU 2101) STAFF

EDPA732 History of Curriculum Theory and Development; Grade Method: REG/AUD. *Prerequisite: EDPA 635 or permission of department.* 3 credits
0101 (16007) W..... 4:15pm- 7:00pm (EDU 2102) Selden, S.

EDPA742 Professional and Ethical Issues in Educational Administration; Grade Method: REG/AUD. 3 credits
0101 (16017) M..... 7:00pm- 9:45pm (EDU 1107) McKay, A.

EDPA746 Restructuring Schools; Grade Method: REG/AUD. *Prerequisites: EDPA 642; or permission of department.* 3 credits
0101 (16027) Tu..... 4:15pm- 7:00pm (EDU 2203) Hickey, M.

EDPA747 Advanced Seminar on Instructional Improvement; Grade Method: REG/AUD. *Prerequisites: EDPA 647; or permission of department.* 3 credits
0101 (16037) W..... 4:15pm- 7:00pm (TWS 2212) McLoone, E.

EDPA751 Law and Equity in Education; Grade Method: REG/AUD. *Prerequisite: EDPA 651 or permission of department.* 3 credits
0101 (16047) Th..... 4:15pm- 7:00pm (EDU 1203) Clague, M.

EDPA753 Higher Education Planning; Grade Method: REG/AUD. *Prerequisite: EDPA 653 or permission of department.* 3 credits
0101 (16057) Tu..... 4:15pm- 7:00pm (TWS 0131) Schmidtlein, F.

EDPA786 Managing Productive Schools; Grade Method: REG/AUD. *Prerequisite: EDPA 646; or EDPA 647; or permission of department. For administration/supervision majors only.* 3 credits
0101 (16067) Tu..... 7:00pm- 9:45pm (EDU 2102) Stephens, E.

EDPA788P Special Topics in Education Policy and Administration: Phenomenological Inquiry in Educational Research; Grade Method: REG/AUD. This course offers students the opportunity to learn phenomenological inquiry by becoming familiar with the philosophic traditions in which it is grounded and by engaging in the practice of phenomenological writing. 3 credits
0101 (16077) Tu..... 4:15pm- 7:00pm (EDU 2101) Hultgren, F.

EDPA798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDPA799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDPA811 Seminar in History of Education; Grade Method: REG/AUD. 3 credits
0101 (16139) W..... 7:00pm- 9:45pm (EDU 2102) Finkelstein, B.

EDPA889 (PermReq) Internship in Education; Grade Method: REG/AUD. Permission of advisor; recommended that interns in administration register in section 0101; curriculum theory in section 0201; education policy and social foundations of education in section 0301; and higher education in section 0401. 3-8 credits
0101 (16149) Time and room to be arranged Lab Dubel, R.
0201 (16150) Time and room to be arranged Lab Selden, S.
0301 (16151) Time and room to be arranged Lab Hopkins, R.
0401 (16152) Time and room to be arranged Lab Chait, R.

EDPA895 Research Critique Seminar; Grade Method: REG/AUD. 3 credits
0101 (16162) M..... 4:15pm- 7:00pm (TWS 2230) STAFF

EDPA899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; Grade Method: REG/AUD. 3 credits
0101 (16247) MW..... 1:00pm- 2:30pm (EDU 0212) Anderson, M.

EDSP330 Families and the Education of Handicapped Children; Grade Method: REG/P-F/AUD. *Prerequisite: EDSP 321 or permission of department. Corequisites: EDSP 405, EDSP 424, EDSP 445 or EDSP 463 or permission of department. For EDSP majors only.* Intended special education, special education, and special education graduate students only. 3 credits
0101 (16257) TuTh..... 2:45pm- 4:15pm (EDU 1107) Egel, A.

EDSP331 Introduction to Curriculum and Instructional Methods in Special Education; Grade Method: REG/AUD. *Prerequisites: EDSP 320; and EDSP 321. Pre- or corequisites: EDSP 332; and EDSP 333; and EDSP 443. For EDSP majors only.* 3 credits
0101 (16267) MW..... 1:15pm- 2:45pm (EDU 2119) Nolet, V.
0201 (16268) MW..... 1:15pm- 2:45pm (EDU 1315) Leone, P.

EDSP332 Interdisciplinary Communication in Special Education; Grade Method: REG/AUD. *Prerequisites: EDSP 320; and EDSP 321. Pre- or corequisites: EDSP 331; and EDSP 333; and EDSP 443. For EDSP majors only.* 3 credits
0101 (16278) TuTh..... 1:15pm- 2:45pm (EDU 1107) Strong, B.

EDSP333 Field Placement in Special Education II; Grade Method: REG/AUD. *Prerequisite: EDSP 322. Pre- or corequisites: EDSP 331; and EDSP 332; and EDSP 443. For EDSP majors only.* Students must reserve two half days (8-1) for this experience. 3 credits
0101 (16288) F.....10:30am-12:00pm (EDU 0212) Strong, B.
MW..... 8:00am- 1:00pm (Arranged) Lab
0102 (16289) F.....10:30am-12:00pm (EDU 0212) Strong, B.
TuTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP378 Fundamentals of Sign Language; Grade Method: REG/P-F/AUD. 3 credits
0101 (16299) TuTh..... 4:15pm- 5:30pm (EDU 1107) Aiello, E.

EDSP403 Physical and Communication Adaptations for Students with Severe Handicaps; Grade Method: REG/AUD. *Prerequisites: EDSP 400; and EDSP 404 or permission of department. Corequisites: EDSP 330; and EDSP 405; and EDSP 410 or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 405. Special education majors and special education graduate students only. 3 credits
0101 (16309) W..... 1:15pm- 4:15pm (EDU 2101) Kohl, F.

EDSP405 Field Placement: Severely Handicapped II; Grade Method: REG/AUD. *Prerequisite: EDSP 402 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 403; and EDSP 410 or permission of department.* Students must reserve three half-days (8-1) for this experience. Undergraduate students only. 4 credits
0101 (16319) F..... 8:00am- 9:30am (EDU 1315) Kohl, F.
TuWTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP405A Field Placement: Severely Handicapped II; Grade Method: REG/AUD. *Prerequisite: EDSP 402 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 403; and EDSP 410 or permission of department.* Special education graduate students only. 2-5 credits
0101 (16329) Time and room to be arranged Moon, M.
0201 (16330) Time and room to be arranged Kohl, F.
0301 (16331) Time and room to be arranged Egel, A.

EDSP410 Community Functioning Skills for Students with Severe Handicaps; Grade Method: REG/AUD. *Prerequisites: EDSP 400; and EDSP 404 or permission of department. Corequisites: EDSP 330; and EDSP 403; and EDSP 405.* Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405. Special education majors and special education graduate students only. 3 credits
0101 (16341) Th..... 4:15pm- 7:00pm (EDU 0206) Moon, M.

EDSP417 Student Teaching: Severely Handicapped; Grade Method: S-F. Limited to special education majors who have pre-registered with the EDSP department. 4-11 credits
0101 (16351) Time and room to be arranged Lab Strong, B.

EDSP418 Seminar: Issues and Research Related to the Instruction of Severely Handicapped Students; Grade Method: REG/AUD. Limited to special education majors and special education graduate students. 3 credits
0101 (16361) Time and room to be arranged Cooper, D.

EDSP422 Curriculum and Instruction in Early Childhood Special Education (Moderate to Mild: 3-8 Years); Grade Method: REG/AUD. *Prerequisites: EDCI 410; and EDSP 420 or permission of department. Corequisites: EDSP 330; and EDSP 424.* Field placement required. Placement arranged for those students not concurrently enrolled in EDSP 424. Special education, and special education graduate students only. 3 credits
0101 (16371) W..... 4:15pm- 7:00pm (EDU 0206) Lieber, J.

EDSP424 Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD. *Prerequisite: EDSP 421 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 422.* Students must reserve three half days (8-1) for this experience. Special education majors only. 4 credits
0101 (16381) F.....10:30am-12:00pm (EDU 2102) Strong, B.
TuWTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP424A Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD. *Prerequisite: EDSP 421 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 422.* Special education graduate students only. 2-4 credits
0101 (16391) Time and room to be arranged Beckman, P.
0201 (16392) Time and room to be arranged Kohl, F.
0301 (16393) Time and room to be arranged Lieber, J.
0401 (16394) Time and room to be arranged Cooper, D.

EDSP437 Student Teaching: Early Childhood Special Education; Grade Method: S-F. Limited to special education majors who have pre-registered with the EDSP department. 4-11 credits
0101 (16404) Time and room to be arranged Lab Strong, B.

EDSP438 (PermReq) Seminar: Special Issues in Early Childhood Special Education; Grade Method: REG/AUD. Special education majors and special education graduate students only. 3 credits
0101 (16414) Time and room to be arranged Cooper, D.

EDSP440 Assessment and Instructional Design for the Educationally Handicapped: Cognitive and Psychosocial Development; Grade Method: REG/AUD. *Prerequisites: EDSP 441; and EDCI 456 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 445.* Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 445. Special education and graduate students only. 3 credits
0101 (16424) TuTh..... 1:15pm- 2:45pm (EDU 3233) Harris, K.

EDSP443 Assessment and Instructional Design for the Handicapped: Reading and Written Communication Disorders; Grade Method: REG/AUD. *Prerequisites: EDSP 320; and EDSP 321 or permission of department. Pre- or corequisites: EDSP 331; and EDSP 332; and EDSP 333.* Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 333. Special education majors and special education graduate students only. Recommended that EH and CV students register for Section 1; EC and SH students, Section 2. 3 credits
0101 (16434) MW..... 2:45pm- 4:15pm (EDU 3315) Graham, S.
0201 (16435) MW..... 2:45pm- 4:15pm (EDU 2119) Lieber, J.

EDSP445 Field Placement: Educationally Handicapped II; Grade Method: REG/AUD. *Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 440; and EDSP 443.* 4 credits

Students must reserve three half days (8-1) for this experience. Special education majors only.
0101 (16445) F.....10:30am-12:00pm (EDU 2101) Strong, B.
TuWTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP445A Field Placement: Educationally Handicapped II; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 440; and EDSP 443.* Special education graduate students only. — 2-4 credits

EDSP447A Field Placement: Educationally Handicapped III; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460.* Graduate students only. Contact department to make arrangements. — 2-4 credits

EDSP457 Student Teaching: Educationally Handicapped; Grade Method: S-F. *For EDSP majors only.* Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 (16470) Time and room to be arranged Lab Strong, B.

EDSP458 Seminar: Special Issues and Research Related to the Educationally Handicapped; Grade Method: REG/AUD. Special education majors and special education graduate students only. — 3 credits
0101 (16480) Time and room to be arranged Cooper, D.

EDSP462 Vocational Assessment and Instruction in Special Education; Grade Method: REG/AUD. *Prerequisite: EDSP 460 or permission of department.* Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 463. Special education graduate students and pre-special education and special education majors only. — 3 credits
0101 (16490) M..... 4:15pm- 7:00pm (EDU 1107) Neubert, D.

EDSP463 Field Placement: Career/Vocational II; Grade Method: REG/AUD. *Prerequisite: EDSP 461 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 462.* Students must reserve three half days (8-1) for this experience. Special education majors only. — 3 credits
0101 (16500) F.....10:30am-12:00pm (EDU 0202) Strong, B.
TuWTh..... 8:00am- 1:00pm (Arranged) Lab

EDSP463A Field Placement: Career/Vocational II; Grade Method: REG/AUD. *Prerequisite: EDSP 461 or permission of department. Pre- or corequisites: EDSP 330; and EDSP 462.* Special education graduate students only. — 3 credits
0101 (16510) Time and room to be arranged Neubert, D.

EDSP467 Student Teaching: Career/Vocational; Grade Method: S-F. Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 (16520) Time and room to be arranged Lab Strong, B.

EDSP468 (PermReq) Special Topics Seminar in Career/Vocational Education For the Handicapped; Grade Method: REG/AUD. Special education majors and special education graduate students only. — 3 credits
0101 (16530) Time and room to be arranged Cooper, D.

EDSP470 Introduction to Special Education; Grade Method: REG/P-F/AUD. — 3 credits
0101 (16540) MW..... 2:45pm- 4:15pm (EDU 3233) Moon, M.
0201 (16541) Tu..... 4:15pm- 7:00pm (COL 3112) STAFF

EDSP478 Communicating with Sign Language; Grade Method: REG/P-F/AUD. *Prerequisite: EDSP 376 or permission of department.* — 3 credits
0101 (16551) TuTh..... 5:45pm- 7:00pm (EDU 1107) Aiello, E.

EDSP480 (PermReq) Microcomputers in Special Education; Grade Method: REG/AUD. *Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDCI 406, EDIT 477, or EDSP 480.* — 3 credits
0101 (16561) MW..... 2:45pm- 4:15pm (EDU 1203) Nolet, V.

EDSP489 Field Experiences in Special Education; Grade Method: REG/P-F/AUD. — 1-4 credits
0101 (16571) Time and room to be arranged Strong, B.
0901 (16572) Time and room to be arranged Leone, P.

EDSP492 Education of Learning Disabled Students; Grade Method: REG/P-F/AUD. *Prerequisite: EDSP 491 or permission of department.* — 3 credits
0101 (16582) M..... 4:15pm- 7:00pm (EDU 1121) Graham, S.

EDSP498 (PermReq) Special Problems in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. — 1-6 credits

EDSP498B (PermReq) Special Problems in Special Education: Career Development and Advisement; Grade Method: REG/P-F/AUD. Special education and intended special education majors only. — 1-6 credits
0101 (16614) F.....12:00pm- 2:00pm (EDU 1315) Molloy, M.

EDSP600 (PermReq) Exceptional Children and Youth; Grade Method: REG/AUD. *Prerequisite: 9 hours in special education and permission of department.* — 3 credits
0101 (16624) Th..... 7:00pm- 9:45pm (EDU 1315) Speece, D.

EDSP620 Educational Diagnosis and Planning For Learning Disabled Students; Grade Method: REG/AUD. *Prerequisites: EDSP 491; and EDSP 615 or permission of department.* — 3 credits
0101 (16634) W..... 4:15pm- 7:00pm (EDU 1203) Speece, D.

EDSP621 Social and Academic Skill Development for Behaviorally Disordered Students; Grade Method: REG/AUD. *Prerequisites: EDSP 600; and EDSP 601 or permission of department.* — 3 credits
0101 (16644) M..... 4:15pm- 7:00pm (TWS 2228) Anderson, M.

EDSP635 Seminar: Behavioral Disorders; Grade Method: REG/AUD. *Prerequisites: EDSP 601; and EDSP 621 or permission of department.* — 3 credits
0101 (16654) W..... 4:15pm- 7:00pm (TWS 2228) Leone, P.

EDSP640 Seminar: Learning Disabilities; Grade Method: REG/AUD. *Prerequisites: EDSP 492; and EDSP 600; and EDSP 615 or permission of department.* — 3 credits
0101 (16664) Th..... 4:15pm- 7:00pm (TWS 2212) Harris, K.

EDSP650 Seminar in Early Childhood Special Education; Grade Method: REG/AUD. *Prerequisite: 9 hours in special education including EDSP 600 and EDSP 420, or permission of department.* — 3 credits
0101 (16674) Tu..... 4:15pm- 7:00pm (TWS 2212) Cooper, D.

EDSP651 Program Planning and Instruction for Handicapped Infants and Children; Grade Method: REG/AUD. *Pre- or corequisite: EDSP 430 or equivalent.* — 3 credits
0101 (16684) M..... 7:00pm- 9:45pm (EDU 1315) Beckman, P.

EDSP655 Seminar in Secondary and Transition Special Education; Grade Method: REG/AUD. *Prerequisite: EDSP 600 or permission of department.* — 3 credits
0101 (16694) Tu..... 4:15pm- 7:00pm (EDU 3236) Neubert, D.

EDSP665 Working with Families of Handicapped Children and Youth; Grade Method: REG/AUD. *Prerequisite: EDSP 600 or permission of department.* — 3 credits
0101 (16704) M..... 4:15pm- 7:00pm (TWS 2212) Harry, G.

EDSP670 Single Subject Research in Special Education; Grade Method: REG/AUD. *Prerequisite: EDSP 600 or permission of department.* — 3 credits
0101 (16714) Tu..... 7:00pm- 9:45pm (EDU 1121) Egel, A.

EDSP678Q Seminar in Special Education: Qualitative Research Methods in Special Education; Grade Method: REG/AUD. — 3 credits
0101 (16724) W..... 7:00pm- 9:45pm (EDU 1203) Harry, G.

EDSP685 (PermReq) Policy Formulation and Persons with Disabilities; Grade Method: REG/AUD. *Prerequisite: permission of department.* — 3 credits
0101 (16734) Th..... 4:15pm- 7:00pm (TWS 2228) McLaughlin, M.

EDSP798 (PermReq) Special Problems in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. — 1-6 credits

EDSP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. — 1-6 credits

EDSP888 (PermReq) Apprenticeship in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. — 1-8 credits

EDSP889 (PermReq) Internship in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. — 3-8 credits

EDSP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. — 1-8 credits

EDUC Education (Education)

EDUC388 (PermReq) Special Topics in Education: Guided Experiences in College Teaching; Grade Method: REG. Course restricted to students approved as Undergraduate Teaching Assistants. — 3 credits
0101 (16897) M..... 4:00pm- 6:00pm (EDU 2101) Greenberg, J.
Time and room to be arranged Dis

EDUC388H (PermReq) Special Topics in Education: Honors Synthesis Seminar II; Grade Method: REG. Seminar restricted to students admitted to the College of Education Honors Program. — 2 credits
0101 (16907) W..... 5:00pm- 7:00pm (EDU 3233) Greenberg, J.

EDUC499H (PermReq) Honors Thesis; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Course restricted to students admitted to College of Education honors program. — 1-6 credits

ENAE Engineering, Aerospace (Engineering)

Effective Spring 1994, the ENAE undergraduate curriculum is being revised. Please pick up the new ENAE course listing in Room 3181 Engineering. It will list the new courses, index numbers, and other information you may need to register. The new curriculum will be printed also in the second edition of the Spring 1994 Schedule of Classes.

ENAE632 Helicopter Aerodynamics II; Grade Method: REG/AUD. *Prerequisites: ENAE 631; and ENAE 371 or equivalent or permission of both department and instructor.* — 3 credits
0101 (17200) TuTh.....11:00am-12:15pm (EGR 1124) Leishman, J.

ENAE635 Helicopter Stability and Control; Grade Method: REG/AUD. *Prerequisite: ENAE 631 and ENAE 642, or permission of department.* — 3 credits
0101 (17210) MW.....10:30am-11:45am (EGR 2102) Cell, R.

ENAE652 Finite Element Method in Engineering; Grade Method: REG/AUD. *Prerequisite: ENAE 650 or permission of both department and instructor.* — 3 credits
0101 (17220) MW..... 9:00am-10:15am (EGR 3110) Lee, S.

ENAE657 Theory of Structural Stability; Grade Method: REG/AUD. *Prerequisite: ENAE 452 or equivalent.* — 3 credits
0101 (17230) MTh..... 5:00pm- 6:15pm (EGR 1124) Jones, R.

ENAE674 Aerodynamics of Compressible Fluids II; Grade Method: REG/AUD. *Prerequisite: ENAE 673.* — 3 credits
0101 (17240) TuTh..... 2:00pm- 3:15pm (EGR 3110) Lewis, M.

ENAE683 (PermReq) High Temperature Gas Dynamics; Grade Method: REG/AUD. *Prerequisite: permission of department.* — 3 credits
0101 (17252) TuTh..... 8:00am- 9:15am (EGR 1124) Anderson, J.

ENAE685 Computational Fluid Dynamics II; Grade Method: REG/AUD. *Prerequisite: ENAE 684 or permission of department.* — 3 credits
0101 (17262) MW..... 4:00pm- 6:15pm (EGR 3111) Lekoudis, S.

ENAE788S (PermReq) Selected Topics in Aerospace Engineering: Special Topics Seminar in Flight Simulation; Grade Method: REG/AUD. — 3 credits
0101 (17272) MW..... 2:00pm- 3:15pm (Arranged) Barlow, J.

ENAE788T (PermReq) Selected Topics in Aerospace Engineering: Launch and Entry Vehicle Systems; Grade Method: REG/AUD. — 3 credits
0101 (17282) TuTh..... 3:30pm- 4:45pm (EGR 0108) Akin, D.

ENAE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ENAG Engineering Agricultural (Agriculture)

ENAG200 Fundamentals of Agricultural Mechanics; Grade Method: REG/P-F. — 3 credits
0101 (17369) TuTh..... 8:00am- 9:15am (ANS 0504) Walls, R.
TuTh..... 9:30am-10:45am (ANS 0504) Lab
0201 (17370) TuTh..... 1:00pm- 1:50pm (ANS 0504) Walls, R.
TuTh..... 2:00pm- 3:50pm (ANS 0504) Lab

ENAG315 Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (17380) TuTh..... 8:00am- 9:15am (HJP 0226) Liljedahl, L.

ENAG386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

ENAG414 Mechanics of Food Processing; Grade Method: REG/P-F/AUD. *Prerequisite: PHYS 121.* — 4 credits
0101 (17391) MW..... 6:30pm- 8:30pm (ANS 0422) Chanderana, D.

ENAG435 (PermReq) Aquacultural Engineering; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* This course is taught in the spring semester only. — 3 credits
0101 (17401) TuTh..... 9:30am-10:45am (ANS 0422) Wheaton, F.

ENAG454 Biological Process Engineering; Grade Method: REG/P-F/AUD. *Prerequisites: MATH 246 and ENME 342 or equivalent, and one semester of life sciences, or permission of instructor.* This course is taught in the spring semester only. — 4 credits
0101 (17411) TuTh..... 2:00pm- 3:15pm (ANS 0422) Johnson, A.
Th..... 3:30pm- 4:20pm (ANS 0422) Lab

ENAG481 Creative Design with CAD/CAM; Grade Method: REG/P-F. This course is taught in the spring semester only. — 3 credits
0101 (17421) MF..... 9:00am- 9:50am (ANS 0509) Grant, L.
F..... 1:00pm- 3:00pm (ANS 0509) Lab

ENAG489 (PermReq) Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAG489A (PermReq) Special Problems in Agricultural Engineering: Shop Laboratory Safety; Grade Method: REG/P-F/AUD. — 1 credit
0101 (17439) TBA (ANS 0504) Grant, L.

ENAG489C Special Problems in Agricultural Engineering: Introduction to Ecological Engineering; Grade Method: REG/AUD. — 1 credit
0101 (17449) Tu..... 5:00pm- 6:15pm (ANS 0422) Kanges, P.

ENAG499 (PermReq) Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAG688 (PermReq) Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

ENAG688F Advanced Topics in Agricultural Engineering: Numerical Modeling; Grade Method: REG/AUD. — 1 credit
0101 (17475) M..... 3:00pm- 5:50pm (ANS 0422) Shirmohammadi,

ENAG688L Advanced Topics in Agricultural Engineering: Aquatic System Design: Environmental Requirements; Grade Method: REG/AUD. — 1 credit
0101 (17485) Meets 01/18/94-02/17/94 Wheaton, F.
TuTh.....12:30pm- 1:45pm (ANS 0422)

ENAG688T (PermReq) Advanced Topics in Agricultural Engineering: Technique for Teaching Agricultural Engineering; Grade Method: REG/AUD. — 1 credit
0101 (17495) TBA (ANS 1420) Johnson, A.

ENAG698 Seminar; Grade Method: REG/AUD. — 1 credit
0101 (17505) W..... 4:00pm- 4:50pm (ANS 0422) Stewart, L.

ENAG699 (PermReq) Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAG701 Bioengineering Analysis of Human Physiological Response; Grade Method: REG/AUD. This course is taught in the spring semester only. — 3 credits
0101 (17523) TuTh..... 5:00pm- 6:15pm (ANS 0422) Johnson, A.

ENAG799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAG899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ENCE Engineering, Civil (Engineering)

ENCE201 Computational Methods in Civil Engineering I; Grade Method: REG. *Corequisite: MATH 241; and ENES 220. Formerly ENCE 360.* ENCE majors (09080) only. — 3 credits
0101 (17598) MWF..... 8:00am- 8:50am (EGR 1104) STAFF

ENCE255 Elementary Structural Analysis; Grade Method: REG. *Prerequisite: ENES 220.* ENCE majors (09080) only. — 3 credits
0101 (17608) TuTh..... 3:30pm- 4:45pm (EGR 1102) STAFF
0201 (17609) TuTh..... 3:30pm- 4:45pm (EGR 1126) STAFF

ENCE300 Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD. *Pre- or corequisite: ENES 220.* ENCE majors (09080) only. — 3 credits
0101 (17619) MW..... 9:00am- 9:50am (CHM 0127) STAFF
Th..... 2:00pm- 5:00pm (EGL 0106A) Lab
0102 (17620) MW..... 9:00am- 9:50am (CHM 0127) STAFF
W..... 2:00pm- 5:00pm (EGL 0106A) Lab
0103 (17621) MW..... 9:00am- 9:50am (CHM 0127) STAFF
Tu..... 2:00pm- 5:00pm (EGL 0106A) Lab

ENCE301 Computational Methods in Civil Engineering II; Grade Method: REG. *Prerequisites: MATH 246; and ENCE 201. Junior standing.* ENCE majors (09080) only. — 3 credits
0101 (17631) TuTh..... 8:00am- 9:15am (EGR 1108) STAFF
0201 (17632) TuTh..... 8:00am- 9:15am (EGR 1106) STAFF

ENCE315 Introduction to Environmental Engineering; Grade Method: REG. *Prerequisites: CHEM 103; and PHYS 161. Not open to ENGR students who have completed ENCE 221. Formerly ENCE 221.* ENCE majors (09080) only. — 3 credits
0101 (17642) TuTh..... 9:30am-10:45am (EGR 1108) Birkner, F.

ENCE320 Construction Engineering and Management; Grade Method: REG/AUD. *Corequisite: ENCE 321 or permission of department. Credit will be granted for only one of the following: ENCE 320 or ENCE 421.* ENCE majors (09080) only. — 3 credits
0101 (17652) TuTh..... 2:00pm- 3:15pm (CHM 0128) STAFF

ENCE321 Engineering Survey Measurements; Grade Method: REG/AUD. *Corequisites: MATH 141; and ENCE 320. Formerly ENCE 280.* ENCE majors (09080) only. — 1 credit
0101 (17662) M..... 2:00pm- 5:00pm (EGR 1108) Lab STAFF

ENCE330 Basic Fluid Mechanics; Grade Method: REG/P-F/AUD. *Prerequisites: ENES 220, and ENES 221; and PHYS 262.* ENCE majors (09080) only. — 3 credits
0101 (17672) MWF.....10:00am-10:50am (EGR 1108) STAFF
0201 (17673) MWF.....10:00am-10:50am (EGR 1106) STAFF

ENCE340 Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD. *Prerequisite: ENES 220. Corequisite: ENCE 300.* ENCE majors (09080) only. — 3 credits
0101 (17686) TuTh.....12:30pm- 1:45pm (EGR 3106) STAFF

ENCE355 Elementary Structural Design; Grade Method: REG/AUD. *Prerequisites: ENCE 255; and ENCE 300.* ENCE majors (09080) — 3 credits

only.

0101 (17696) TuTh.....11:00am-12:15pm (EGR 1108) STAFF
0201 (17697) TuTh.....11:00am-12:15pm (EGR 3106) STAFF

ENCE370 Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD. *Prerequisite: ENCE 260.* ENCE majors (09080) only. 3 credits

0101 (17707) MWF.....11:00am-11:50am (EGR 1108) Haghani, A.

ENCE410 Advanced Strength of Materials; Grade Method: REG/AUD. *Prerequisites: ENCE 350; and MATH 246.* ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17717) MW..... 2:00pm- 3:15pm (EGR 3108) STAFF

ENCE420 Construction Equipment and Methods; Grade Method: REG/AUD. *Prerequisite: ENCE 320. Junior standing. For ENCE majors only.* Senior standing. ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17727) TuTh.....11:00am-12:15pm (EGR 3110) Flood, I.

ENCE430 Flow in Open Channels and Conveyance Structures; Grade Method: REG/AUD. *Prerequisite: ENCE 330.* ENCE majors (09080) or ENCE graduate students only. 4 credits

0101 (17737) MWF.....11:00am-11:50am (EGR 0108) Johnson, P.
F..... 1:00pm- 4:00pm (EGR 0110) Lab

ENCE431 Surface Water Hydrology; Grade Method: REG/P-F/AUD. *Prerequisite: ENCE 330.* ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17747) MWF..... 9:00am- 9:50am (EGR 1126) McCuen, R.

ENCE436 Drinking Water Treatment; Grade Method: REG. *Prerequisite: ENCE 315.* ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17757) TuTh..... 9:30am-10:45am (ARM 0117) Davis, A.

ENCE440 Engineering Soil Tests; Grade Method: REG. *Prerequisite: ENCE 340.* ENCE majors (09080) or ENCE graduate students only. 4 credits

0101 (17767) MW..... 1:00pm- 1:50pm (EGR 0110) Goodings, D.
MW..... 2:00pm- 5:00pm (EGR 3102) Lab

ENCE442 Highway and Airfield Pavement Design; Grade Method: REG/P-F/AUD. *Prerequisite: ENCE 340.* ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17777) TuTh.....11:00am-12:15pm (EGR 1120) Witczak, M.

ENCE454 Design of Concrete Structures; Grade Method: REG/AUD. *Prerequisites: ENCE 255; and ENCE 355. Formerly ENCE 451.* ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17787) TuTh..... 9:30am-10:45am (CHE 2136) STAFF

ENCE462 Systems Analysis for Civil Engineers; Grade Method: REG/P-F/AUD. *Prerequisite: ENCE 201.* 3 credits

0101 (17797) TuTh.....11:00am-12:15pm (CSS 2330) Haghani, A.

ENCE463 Economic Analysis for Civil Engineers; Grade Method: REG/AUD. *Prerequisite: permission of department.* ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17807) TuTh..... 2:00pm- 3:15pm (EGR 1106) Chang, G.

ENCE468 Design of Civil Engineering Systems; Grade Method: REG. CORE Capstone Course. *For graduating seniors only. For ENCE majors only.* ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17817) TuTh..... 1:00pm- 1:50pm (CHM 0115) Schelling, D.
TuTh..... 2:00pm- 4:00pm (EGR 1108) Lab
0102 (17818) TuTh..... 1:00pm- 1:50pm (CHM 0115) Schelling, D.
TuTh..... 4:00pm- 6:00pm (EGR 0110) Lab

ENCE473 Air and Water Transportation Engineering; Grade Method: REG/P-F/AUD. *Prerequisite: ENCE 370.* ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17833) MWF.....10:00am-10:50am (EGR 3106) Carter, E.

ENCE474 Railroad Mass Transportation Engineering; Grade Method: REG/P-F/AUD. *Prerequisite: ENCE 370.* ENCE majors (09080) or ENCE graduate students only. 3 credits

0101 (17846) TuTh..... 9:30am-10:45am (EGR 1106) Schonfeld, P.

ENCE489 (PermReq) Special Problems in Civil Engineering; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. 3 credits

ENCE489A Special Problems in Civil Engineering: Civil Infrastructure Systems; Grade Method: REG/AUD. Senior standing. 3 credits

0101 (17886) TuTh..... 2:00pm- 3:15pm (EGR 1120) Schwartz, C.

ENCE626 (PermReq) Computer-Aided Construction Engineering; Grade Method: REG/AUD. *Prerequisite: ENCE 425 or permission of instructor.* 3 credits

0101 (17896) TuTh..... 5:00pm- 6:15pm (EGR 0108) Kartam, N.

ENCE631 Hydrologic and Nonpoint Pollution Models; Grade Method: REG/AUD. *Prerequisite: graduate addmission to College of Engineering or permission of instructor.* 3 credits

0101 (17906) TuTh..... 6:30pm- 7:45pm (EGR 1104) Ragan, R.

ENCE632 Free Surface Flow; Grade Method: REG/AUD. *Prerequisite: ENCE 330 or equivalent.* 3 credits

0101 (17916) MW..... 3:00pm- 4:15pm (EGR 0108) Johnson, P.

ENCE633 The Chemistry of Natural Waters; Grade Method: REG/AUD. *Prerequisite: ENCE 433 or permission of both department and instructor.* 3 credits

0101 (17926) TuTh..... 2:00pm- 3:15pm (CHM 0115) Birkner, F.

ENCE641 Advanced Foundations; Grade Method: REG/AUD. *Prerequisite: ENCE 340 or equivalent.* 3 credits

0101 (17936) TuTh..... 9:30am-10:45am (EGR 0108) Aggour, M.

ENCE660 Engineering Analysis; Grade Method: REG/AUD. 3 credits

0101 (17946) MW..... 5:00pm- 6:15pm (EGR 1120) Schelling, D.

ENCE662 (PermReq) Construction Project Management; Grade Method: REG/AUD. *Prerequisite: permission of instructor. For ENCE majors only.* 3 credits

0101 (17956) M..... 7:00pm- 9:45pm (EGR 1120) Maloney, W.

ENCE667 Construction Operations and Improvement; Grade Method: REG/AUD. 3 credits

0101 (17966) Tu..... 7:00pm- 9:45pm (EGR 1120) Maloney, W.

ENCE671 Highway Traffic Operations; Grade Method: REG/AUD. *Prerequisites: ENCE 470; and ENCE 670 or permission of both department and instructor.* 3 credits

0101 (17976) M..... 5:00pm- 7:45pm (EGR 1106) Carter, E.

ENCE672 (PermReq) Regional Transportation Planning; Grade Method: REG/AUD. *Prerequisite: ENCE 471 or permission of both department and instructor.* 3 credits

0101 (17986) Tu..... 5:00pm- 7:45pm (EGR 1106) Schonfeld, P.

ENCE676 (PermReq) Highway Traffic Flow Theory; Grade Method: REG/AUD. *Prerequisites: ENCE 461; and ENCE 462 or permission of both department and instructor.* 3 credits

0101 (17996) Th..... 5:00pm- 7:45pm (EGR 1106) Chang, G.

ENCE681 Freight Transportation Analysis; Grade Method: REG/AUD. 3 credits

0101 (18006) TuTh..... 3:30pm- 4:45pm (ARM 0110) Haghani, A.

ENCE688 Advanced Topics in Civil Engineering; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. 1-3 credits

ENCE688A (PermReq) Advanced Topics in Civil Engineering: Earthquake Engineering; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits

0101 (18045) MW..... 6:30pm- 7:45pm (EGR 1102) Austin, M.

ENCE688B Advanced Topics in Civil Engineering: Advanced Soil Mechanics II; Grade Method: REG/AUD. 3 credits

0101 (18055) TuTh..... 3:30pm- 4:45pm (EGR 1104) Schwartz, C.

ENCE688C (PermReq) Advanced Topics in Civil Engineering: Reading Seminar; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits

0101 (18065) TuTh..... 5:00pm- 6:15pm (EGR 1120) Chang, P.

ENCE688P (PermReq) Advanced Topics in Civil Engineering: Forensic Engineering; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits

0101 (18075) TuTh..... 6:30pm- 7:45pm (EGR 1108) Vannoy, D.

ENCE688Q (PermReq) Advanced Topics in Civil Engineering: Construction Safety; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits

0101 (18085) W..... 7:00pm- 9:45pm (EGR 0108) Flood, I.

ENCE688Y Advanced Topics in Civil Engineering: Unit Operations Laboratory; Grade Method: REG. Prerequisites: ENCE 736 and ENCE 737 or equivalent. 3 credits

0101 (18095) F..... 2:00pm- 6:00pm (EGR 1138) Hao, O.

ENCE689 Seminar; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. 1-16 credits

ENCE730 Environmental and Water Resource Systems II; Grade Method: REG/AUD. *Prerequisite: ENCE 630 or permission of both department and instructor.* 3 credits

0101 (18134) MWF..... 8:00am- 8:50am (EGR 1126) McCuen, R.

ENCE731 Advanced Ground Water Hydrology; Grade Method: REG/AUD. *Prerequisite: ENCE 432 or equivalent.* 3 credits

0101 (18144) MWF..... 9:00am- 9:50am (EGR 1106) Sternberg, Y.

ENCE736 Theory of Aqueous and Solid Waste Treatment and Disposal; Grade Method: REG/AUD. *Prerequisites: ENCE 221 and fundamentals of microbiology; or permission of both department and instructor.* 3 credits

0101 (18154) TuTh..... 3:30pm- 4:45pm (EGR 1120) Hao, O.

ENCE737 Industrial Wastes; Grade Method: REG. *Corequisite: ENCE 736 or equivalent.* 3 credits

0101 (18164) TuTh..... 5:00pm- 6:15pm (EGR 1108) Davis, A.

ENCE741 (PermReq) Aircraft Remote Sensing in Civil Engineering; Grade Method: REG/AUD. *Prerequisite: ENCE 340 or equivalent, or permission of both department and instructor.* 3 credits

0101 (18174) Tu..... 5:00pm- 7:45pm (EGR 2112) Rib, H.

ENCE750 Analysis and Design of Structural Systems; Grade Method: REG/AUD. *Prerequisites: ENCE 450; and ENCE 451 or equivalent.* 3 credits

0101 (18184) MW..... 3:30pm- 4:45pm (EGR 1106) Wolde-Tinsae, A

ENCE754 Prestressed Concrete Structures; Grade Method: REG/AUD. *Prerequisites: ENCE 450; and ENCE 451 or equivalent.* 3 credits

0101 (18194) TuTh..... 3:30pm- 4:45pm (EGR 1106) Ayyub, B.

ENCE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENCE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ENCH Engineering, Chemical (Engineering)

ENCH250 (PermReq) Computer Methods in Chemical Engineering; Grade Method: REG/P-F/AUD. *Prerequisites: ENES 101; and ENCH 215.* 3 credits

0101 (18312) MWF.....10:00am-10:50am (CHE 2110) Gasner, L.

ENCH333 (PermReq) Chemical Engineering Seminar; Grade Method: REG/P-F/AUD. *Senior standing.* 1 credit

0101 (18322) W.....10:00am-10:50am (CHE 2136) STAFF

ENCH424 (PermReq) Transport Processes II; Grade Method: REG/P-F/AUD. *Prerequisites: ENCH 300 and ENCH 422.* 3 credits

0101 (18332) MWF.....10:00am-10:50am (CHE 2108) Calabrese, R.

ENCH440 (PermReq) Chemical Engineering Kinetics; Grade Method: REG/P-F/AUD. *Prerequisites: ENCH 300; and ENCH 422; and CHEM 481.* 3 credits

0101 (18342) MWF.....11:00am-11:50am (CHE 2108) Bentley, W.

ENCH442 (PermReq) Chemical Engineering Systems Analysis; Grade Method: REG/P-F/AUD. *Prerequisites: ENCH 300; and ENCH 422.* 3 credits

0101 (18352) TuTh.....11:00am-12:15pm (CHE 2136) Zafiriou, E.
Th..... 1:00pm- 4:00pm (CHE 1145) Lab
0102 (18353) TuTh.....11:00am-12:15pm (CHE 2136) Zafiriou, E.
Tu..... 1:00pm- 4:00pm (CHE 1145) Lab

ENCH446 (PermReq) Process Engineering Economics and Design II; Grade Method: REG/P-F/AUD. *Prerequisite: ENCH 444.* 3 credits

0101 (18363) MWF..... 2:00pm- 2:50pm (CHE 2136) Gasner, L.

ENCH454 (PermReq) Chemical Process Analysis and Optimization; Grade Method: REG/P-F/AUD. *Prerequisites: ENCH 426; and ENCH 440.* 3 credits

0101 (18373) MWF..... 2:00pm- 2:50pm (CHE 2108) STAFF

ENCH468 (PermReq) Research; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. 1-3 credits

ENCH468A (PermReq) Research: Control of Air Pollution Sources; Grade Method: REG/P-F/AUD. 3 credits

0101 (18397) MWF.....10:00am-10:50am (CHE 2140) Gentry, J.

ENCH485 (PermReq) Biochemical Engineering Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: ENCH 482.* 2 credits

0101 (18407) TuTh..... 1:00pm- 5:00pm (CHE 2211) Lab Wang, N.

ENCH494 (PermReq) Polymer Technology Laboratory; Grade Method: REG/P-F/AUD. *Prerequisite: ENCH 490 or ENCH 492.* 3 credits

0101 (18417) TuTh..... 1:00pm- 5:00pm (CHE 1138) Lab Smith, T.

ENCH496 (PermReq) Processing of Polymer Materials; Grade Method: REG/P-F/AUD. *Prerequisite: ENCH 490 or ENCH 492. Credit will be granted for only one of the following: ENCH 496 or ENMA 496.* 3 credits

0101 (18427) TuTh..... 9:30am-10:45am (CHE 2145) Smith, T.

ENCH609 (PermReq) Graduate Seminar; Grade Method: REG/AUD. Advanced special students require department permission. 1 credit

0101 (18437) Tu..... 3:00pm- 4:30pm (CHE 2117) Wang, N.

ENCH610 Chemical Engineering Thermodynamics; Grade Method: REG/AUD. Advanced special students require department permission. 3 credits

0101 (18447) MW..... 3:30pm- 5:00pm (CHE 2120) Sengers, J.

ENCH640 Advanced Chemical Reaction Kinetics; Grade Method: REG/AUD. 3 credits

0101 (18457) MW..... 5:00pm- 6:30pm (CHE 2136) Choi, K.

ENCH648 (PermReq) Special Problems in Chemical Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENCH762 (PermReq) Advanced Biochemical Engineering; Grade Method: REG/AUD. *Prerequisite: ENCH 482 or permission of both department and instructor.* 3 credits

0101 (18481) Time and room to be arranged Weigand, W.

ENCH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENCH899 Doctoral Dissertation Research: Chemical Engineering; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

ENCO Engineering, Cooperative Education (Engineering)

ENCO099 (PermReq) Co-Op Work Experience; Grade Method: S-F. Permission of Co-op Director required. Obtain permission and more information in 1137 College of Engineering. For special fees, see the Financial Information section of the Schedule of Classes. No credit

0101 (18570) Time and room to be arranged Sauber, H.

ENEE Engineering, Electrical (Engineering)

ENEE204 Basic Circuit Theory; Grade Method: REG. *Prerequisite: MATH 246.* Engineering College (04) only. 3 credits

0101 (18620) TuTh..... 9:30am-10:45am (EGR 1202) STAFF
M..... 1:00pm- 1:50pm (EGR 1120) Dis
0102 (18621) TuTh..... 9:30am-10:45am (EGR 1202) STAFF
Tu..... 8:00am- 8:50am (EGR 3108) Dis
0103 (18622) TuTh..... 9:30am-10:45am (EGR 1202) STAFF
Tu.....12:00pm-12:50pm (EGR 0135) Dis
0104 (18623) TuTh..... 9:30am-10:45am (EGR 1202) STAFF
W.....12:00pm-12:50pm (EGR 1120) Dis
0105 (18624) TuTh..... 9:30am-10:45am (EGR 1202) STAFF
W..... 2:00pm- 2:50pm (EGR 1102) Dis
0106 (18625) TuTh..... 9:30am-10:45am (EGR 1202) STAFF
Th..... 8:00am- 8:50am (EGR 3114) Dis

ENEE244 Digital Logic Design; Grade Method: REG. *Prerequisite: ENES 240.* Engineering College (04) only. 3 credits

0101 (18635) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M..... 8:00am- 8:50am (CHE 2140) Dis
0102 (18636) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....12:00pm-12:50pm (EGR 1120) Dis
0103 (18637) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M..... 2:00pm- 2:50pm (EGR 1120) Dis
0104 (18638) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Tu..... 9:00am- 9:50am (ARM 0102) Dis
0105 (18639) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Tu..... 2:00pm- 2:50pm (EGR 0102) Dis
0106 (18640) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Th..... 2:00pm- 2:50pm (CHM 0119) Dis
0107 (18641) TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Th..... 9:00am- 9:50am (EGR 3102) Dis

ENEE300 Principles of Electrical Engineering; Grade Method: REG. *Prerequisites: MATH 241, PHYS 263. Corequisite: ENEE 301. Required of aerospace, mechanical and chemical engineers. Not applicable in the electrical engineering major program. Acceptable as prerequisite for some advanced ENEE courses.* Engineering College only. (04). 3 credits

0101 (18651) TuTh..... 8:00am- 9:15am (ARM 0126) STAFF
Tu..... 1:00pm- 1:50pm (EGR 2154) Dis
0102 (18652) TuTh..... 8:00am- 9:15am (ARM 0126) STAFF
Th..... 1:00pm- 1:50pm (EGR 3110) Dis
0103 (18653) TuTh..... 8:00am- 9:15am (ARM 0126) STAFF
Tu..... 2:00pm- 2:50pm (CHM 0119) Dis
0104 (18654) TuTh..... 8:00am- 9:15am (ARM 0126) STAFF
Th..... 2:00pm- 2:50pm (EGR 1104) Dis
0105 (18655) TuTh..... 8:00am- 9:15am (ARM 0126) STAFF
W..... 9:00am- 9:50am (EGR 1120) Dis
0106 (18656) TuTh..... 8:00am- 9:15am (ARM 0126) STAFF
W..... 2:00pm- 2:50pm (EGR 1104) Dis

ENEE301 Electrical Engineering Laboratory; Grade Method: REG. *Corequisite: ENEE 300.* Engineering College (04) only. 1 credit

0101 (18666) F..... 8:00am- 8:50am (CHE 2110) STAFF
Tu..... 1:00pm- 3:00pm (AVW 1318) Lab
0102 (18667) F..... 8:00am- 8:50am (CHE 2110) STAFF
W..... 1:00pm- 3:00pm (AVW 1318) Lab
0103 (18668) F..... 8:00am- 8:50am (CHE 2110) STAFF
Th..... 1:00pm- 3:00pm (AVW 1318) Lab
0104 (18669) F..... 8:00am- 8:50am (CHE 2110) STAFF
F..... 1:00pm- 3:00pm (AVW 1318) Lab
0105 (18670) F..... 8:00am- 8:50am (CHE 2110) STAFF
Tu.....10:00am-12:00pm (AVW 1318) Lab

All lower-division CHEM, MATH, PHYS, and engineering courses that are required courses for the BS degree in Electrical Engineering must be completed before enrolling in any 300- or 400-level course (except ENEE 300 and ENEE 301). Transfer students will be allowed one semester to complete all such courses after starting to take upper-level ENEE courses.

ENEE302 Analog Electronic Circuits; Grade Method: REG. *Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note.* ENEE majors (09090) only. 3 credits

0101 (18680) TuTh..... 8:00am- 9:15am (CHM 0119) STAFF
Tu..... 2:00pm- 2:50pm (ARM 0103) Dis
0102 (18681) TuTh..... 8:00am- 9:15am (CHM 0119) STAFF
Tu.....11:00am-11:50am (ARM 0120) Dis
0201 (18682) TuTh.....11:00am-12:15pm (CHM 2201) STAFF
Th..... 3:00pm- 3:50pm (CHM 0122) Dis
0202 (18683) TuTh.....11:00am-12:15pm (CHM 2201) STAFF
Tu..... 8:00am- 8:50am (EGR 3110) Dis
0301 (18684) MWF..... 2:00pm- 2:50pm (ARM 0112) STAFF
W..... 4:00pm- 4:50pm (EGR 1102) Dis
0302 (18685) MWF..... 2:00pm- 2:50pm (ARM 0112) STAFF
M..... 3:00pm- 3:50pm (EGR 1124) Dis

ENEE305 Fundamental Laboratory; Grade Method: REG. *Prerequisite: ENEE 204 and completion of all lower-division technical courses in the EE curriculum. See above note. This course is prerequisite to all ENEE 400-level laboratory courses.* ENEE majors (09090) only. 2 credits

0101 (18695) F.....12:00pm-12:50pm (EGR 1202) STAFF
M.....12:30pm- 3:30pm (AVW 1330) Lab
0103 (18696) F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:00pm- 3:00pm (AVW 1330) Lab
0104 (18697) F.....12:00pm-12:50pm (EGR 1202) STAFF
Th..... 8:00am-11:00am (AVW 1330) Lab
0105 (18698) F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....12:30pm- 3:30pm (AVW 1330) Lab
0106 (18699) F.....12:00pm-12:50pm (EGR 1202) STAFF
F..... 1:00pm- 4:00pm (AVW 1330) Lab
0107 (18700) F.....12:00pm-12:50pm (EGR 1202) STAFF
F..... 8:00am-11:00am (AVW 1330) Lab
0108 (18701) F.....12:00pm-12:50pm (EGR 1202) STAFF
Th..... 3:30pm- 6:30pm (AVW 1330) Lab
0109 (18702) F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu..... 3:30pm- 6:30pm (AVW 1330) Lab

ENEE312 Digital Electronic Circuits; Grade Method: REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only. 3 credits

0101 (18712) MWF..... 9:00am- 9:50am (CHM 0115) STAFF
M..... 2:00pm- 2:50pm (EGR 1104) Dis
0102 (18713) MWF..... 9:00am- 9:50am (CHM 0115) STAFF
M..... 3:00pm- 3:50pm (EGR 1102) Dis
0201 (18714) MW..... 5:00pm- 6:15pm (CHM 0115) STAFF
W..... 9:00am- 9:50am (EGR 3108) Dis
0202 (18715) MW..... 5:00pm- 6:15pm (CHM 0115) STAFF
Tu..... 9:00am- 9:50am (EGR 3108) Dis
0301 (18716) TuTh.....12:30pm- 1:45pm (ARM 0110) STAFF
Th..... 3:00pm- 3:50pm (EGR 0110) Dis
0302 (18717) TuTh.....12:30pm- 1:45pm (ARM 0110) STAFF
M..... 1:00pm- 1:50pm (EGR 1104) Dis

ENEE322 Signal and System Theory; Grade Method: REG. *Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note.* ENEE majors (09090) only. 3 credits

0101 (18727) TuTh..... 9:30am-10:45am (CHM 0127) STAFF
Tu..... 8:00am- 8:50am (EGR 0102) Dis
0102 (18728) TuTh..... 9:30am-10:45am (CHM 0127) STAFF
Th.....11:00am-11:50am (EGR 0104) Dis
0201 (18729) MW.....11:00am-12:15pm (CHM 0127) STAFF
W..... 1:00pm- 1:50pm (CHE 2118) Dis
0202 (18730) MW.....11:00am-12:15pm (CHM 0127) STAFF
F.....11:00am-11:50am (EGR 1102) Dis
0301 (18731) TuTh..... 2:00pm- 3:15pm (CHM 2201) STAFF
Th..... 4:00pm- 4:50pm (EGR 3114) Dis
0302 (18732) TuTh..... 2:00pm- 3:15pm (CHM 2201) STAFF
Tu.....10:00am-10:50am (EGR 3114) Dis

ENEE324 **Engineering Probability; Grade Method: REG.** 3 credits
Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18742) MW.....12:30pm- 1:45pm (ARM 0110) STAFF
M.....10:00am-10:50am (CHE 2136) Dis
0102 (18743) MW.....12:30pm- 1:45pm (ARM 0110) STAFF
F..... 2:00pm- 2:50pm (EGR 2112) Dis
0201 (18744) TuTh..... 2:00pm- 3:15pm (CHE 2108) STAFF
Tu..... 9:00am- 9:50am (EGR 0135) Dis
0202 (18745) TuTh..... 2:00pm- 3:15pm (CHE 2108) STAFF
Tu.....10:00am-10:50am (CHE 2140) Dis
0301 (18746) MWF.....10:00am-10:50am (ARM 0112) STAFF
W.....11:00am-11:50am (EGR 1102) Dis
0302 (18747) MWF.....10:00am-10:50am (ARM 0112) STAFF
W.....12:00pm-12:50pm (EGR 1102) Dis

ENEE350 **Computer Organization; Grade Method: REG.** 3 credits
Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 250. Formerly ENEE 250. ENEE majors (09090) only.
0101 (18757) MWF.....12:00pm-12:50pm (CHM 0115) STAFF
M..... 9:00am- 9:50am (EGR 3108) Dis
0102 (18758) MWF.....12:00pm-12:50pm (CHM 0115) STAFF
M.....10:00am-10:50am (CHM 0127) Dis
0201 (18759) TuTh..... 3:30pm- 4:45pm (CHM 0119) STAFF
Tu..... 8:00am- 8:50am (EGR 0110) Dis
0202 (18760) TuTh..... 3:30pm- 4:45pm (CHM 0119) STAFF
Tu..... 1:00pm- 1:50pm (CHE 2136) Dis
0301 (18761) TuTh..... 9:30am-10:45am (CHE 2110) STAFF
Tu..... 2:00pm- 2:50pm (EGR 3106) Dis
0302 (18762) TuTh..... 9:30am-10:45am (CHE 2110) STAFF
Tu..... 3:00pm- 3:50pm (CHM 0127) Dis

ENEE380 **Electromagnetic Theory; Grade Method: REG.** 3 credits
Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18772) MWF.....10:00am-10:50am (CHM 0115) STAFF
0201 (18773) TuTh.....12:30pm- 1:45pm (EGR 1120) STAFF
0301 (18774) MWF.....11:00am-11:50am (CHM 2201) STAFF

ENEE381 **Electromagnetic Wave Propagation; Grade Method: REG.** 3 credits
Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18784) MWF..... 2:00pm- 2:50pm (EGR 3106) STAFF
F.....10:00am-10:50am (EGR 0135) Dis
0102 (18785) MWF..... 2:00pm- 2:50pm (EGR 3106) STAFF
F..... 1:00pm- 1:50pm (EGR 0135) Dis
0201 (18786) TuTh.....11:00am-12:15pm (ARM 0112) STAFF
M..... 2:00pm- 2:50pm (EGR 3110) Dis
0202 (18787) TuTh.....11:00am-12:15pm (ARM 0112) STAFF
W..... 2:00pm- 2:50pm (EGR 1108) Dis
0203 (18788) TuTh.....11:00am-12:15pm (ARM 0112) STAFF
F..... 2:00pm- 2:50pm (EGR 3108) Dis

ENEE407 **Microwave-Circuits Laboratory; Grade Method: REG.** 2 credits
Prerequisites: ENEE 305 and 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18798) Th.....12:00pm- 1:00pm (EGR 3111) STAFF
Th..... 1:00pm- 4:00pm (AVW 2358) Lab
0102 (18799) Th.....12:00pm- 1:00pm (EGR 3111) STAFF
Tu..... 1:00pm- 4:00pm (AVW 2358) Lab

ENEE413 **Electronics Laboratory; Grade Method: REG.** 2 credits
Prerequisite: ENEE 305 and ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0102 (18809) W.....12:00pm-12:50pm (CHE 2110) STAFF
Tu.....12:30pm- 3:30pm (AVW 1356) Lab
0103 (18810) W.....12:00pm-12:50pm (CHE 2110) STAFF
Th..... 9:00am-12:00pm (AVW 1356) Lab
0104 (18811) W.....12:00pm-12:50pm (CHE 2110) STAFF
Th.....12:30pm- 3:30pm (AVW 1356) Lab
0105 (18812) W.....12:00pm-12:50pm (CHE 2110) STAFF
F..... 1:00pm- 4:00pm (AVW 1356) Lab
0106 (18813) W.....12:00pm-12:50pm (CHE 2110) STAFF
W..... 1:00pm- 4:00pm (AVW 1356) Lab
0107 (18814) W.....12:00pm-12:50pm (CHE 2110) STAFF
M.....12:00pm- 3:00pm (AVW 1356) Lab
0108 (18815) W.....12:00pm-12:50pm (CHE 2110) STAFF
M..... 3:30pm- 6:30pm (AVW 1356) Lab

ENEE418 (PermReq) **Projects in Electrical Engineering: General Electrical Engineering Projects; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** ENEE majors (09090) only. 1-3 credits

ENEE418A (PermReq) **Projects in Electrical Engineering: Walking Robot II; Grade Method: REG/P-F/AUD.** ENEE majors (09090) only. 3 credits
0101 (18891) MW..... 3:30pm- 4:30pm (EGR 3108) STAFF
MW..... 4:30pm- 5:30pm (EGR 3108) Lab

ENEE418M **Projects in Electrical Engineering: Microelectronics Design Lab; Grade Method: REG.** 2 credits
Prerequisite: ENEE 305. ENEE majors (09090) only.
0101 (18901) Tu.....10:00am-11:00am (EGR 0110) STAFF
Tu..... 1:00pm- 4:00pm (AVW 1418) Lab
0102 (18902) Tu.....10:00am-11:00am (EGR 0110) STAFF
Th..... 1:00pm- 4:00pm (AVW 1418) Lab

ENEE420 **Communication Systems; Grade Method: REG.** 3 credits
Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18912) MW..... 3:30pm- 4:45pm (EGR 3110) STAFF
0201 (18913) TuTh..... 5:00pm- 6:15pm (CHM 0122) STAFF

ENEE425 **Digital Signal Processing; Grade Method: REG.** 3 credits
Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18923) TuTh..... 3:30pm- 4:45pm (EGR 3106) STAFF
0201 (18924) MW..... 3:30pm- 4:45pm (EGR 3106) STAFF

ENEE426 **Communication Networks; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite: permission of department and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18934) TuTh..... 9:30am-10:45am (EGR 3106) STAFF

ENEE434 **Introduction to Neural Networks and Signals; Grade Method: REG.** 3 credits
Prerequisite: ENEE 204 or ENEE 300 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18944) TuTh..... 5:00pm- 6:15pm (EGR 3106) STAFF

ENEE440 **Microprocessors; Grade Method: REG/AUD.** 3 credits
Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18954) TuTh.....12:30pm- 1:45pm (EGR 1126) STAFF
0201 (18955) TuTh..... 8:00am- 9:15am (EGR 3106) STAFF
0301 (18956) MW..... 5:00pm- 6:15pm (EGR 3110) STAFF

ENEE445 **Computer Laboratory; Grade Method: REG.** 2 credits
Prerequisite: ENEE 305 and ENEE 440 or ENEE 444 and completion of all lower-division technical course in the EE curriculum. See above note. ENEE majors (09090) only.

0101 (18966) Tu.....11:00am-11:50am (CHM 0122) STAFF
Tu.....12:30pm- 3:30pm (AVW 1458) Lab
0102 (18967) Tu.....11:00am-11:50am (CHM 0122) STAFF
Th..... 9:00am-12:00pm (AVW 1458) Lab
0103 (18968) Tu.....11:00am-11:50am (CHM 0122) STAFF
Th.....12:30pm- 3:30pm (AVW 1458) Lab

ENEE446 **Digital Computer Design; Grade Method: REG.** 3 credits
Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18978) TuTh..... 9:30am-10:45am (EGR 1120) STAFF
0201 (18979) TuTh..... 5:00pm- 6:15pm (EGR 1126) STAFF

ENEE450 **Discrete Structures; Grade Method: REG.** 3 credits
Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18989) WF.....11:00am-12:15pm (EGR 3108) STAFF

ENEE461 **Control Systems Laboratory; Grade Method: REG/AUD.** 2 credits
Prerequisites: ENEE 305 and ENEE 460 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (18999) M..... 2:00pm- 2:50pm (EGR 1124) STAFF
M..... 3:00pm- 6:00pm (AVW 1324) Lab

ENEE462 **Systems, Control and Computation; Grade Method: REG.** 3 credits
Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (19009) MW.....12:00pm- 1:15pm (EGR 0108) STAFF

ENEE473 **Electrical Machines Laboratory; Grade Method: REG.** 2 credits
Prerequisite: ENEE 305 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (19019) W..... 1:00pm- 1:50pm (CHM 0115) STAFF
W..... 3:30pm- 6:30pm (AVW 1360) Lab
0102 (19020) W..... 1:00pm- 1:50pm (CHM 0115) STAFF
M..... 3:30pm- 6:30pm (AVW 1360) Lab
0103 (19021) W..... 1:00pm- 1:50pm (CHM 0115) STAFF
F..... 1:00pm- 4:00pm (AVW 1360) Lab
0104 (19022) W..... 1:00pm- 1:50pm (CHM 0115) STAFF
Tu..... 3:30pm- 6:30pm (AVW 1360) Lab
0105 (19023) W..... 1:00pm- 1:50pm (CHM 0115) STAFF
Th..... 3:30pm- 6:30pm (AVW 1360) Lab
0106 (19024) W..... 1:00pm- 1:50pm (CHM 0115) STAFF
Tu.....12:30pm- 3:30pm (AVW 1360) Lab
0107 (19025) W..... 1:00pm- 1:50pm (CHM 0115) STAFF
Th.....12:30pm- 3:30pm (AVW 1360) Lab
0108 (19026) W..... 1:00pm- 1:50pm (CHM 0115) STAFF
M.....12:30pm- 3:30pm (AVW 1360) Lab

ENEE474 **Power Systems; Grade Method: REG.** 3 credits
Prerequisite: ENEE 322 and completion of all lower-division technical in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (19036) MW..... 2:00pm- 3:15pm (EGR 0110) STAFF

ENEE476 **Power System Stability; Grade Method: REG.** 3 credits
Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.
0101 (19046) TuTh..... 3:30pm- 4:45pm (EGR 3110) STAFF

ENEE481 **Antennas; Grade Method: REG.** 3 credits
Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (19056) MW.....12:30pm- 1:45pm (EGR 3106) STAFF

ENEE482 **Design of Active and Passive Microwave Devices; Grade Method: REG.** 3 credits
Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (19066) MW.....11:00am-12:15pm (EGR 1106) STAFF

ENEE488P **Topics in Electrical Engineering: Microprocessors Design Project; Grade Method: REG.** 3 credits
Prerequisite: ENEE 440. ENEE majors (09090) only.
0101 (19076) Th..... 9:30am-11:30am (EGR 3111) STAFF
Time and room to be arranged

ENEE488T **Topics in Electrical Engineering: Introduction to C/C++ Programming for Engineers; Grade Method: REG/P-F/AUD.** 3 credits
Prerequisite: ENEE 350. ENEE majors (09090) only.
0101 (19086) MWF.....10:00am-11:15am (EGR 1120) STAFF
Time and room to be arranged Dis

ENEE494 **Solid State Devices; Grade Method: REG.** 3 credits
Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 (19096) TuTh.....11:00am-12:15pm (ARM 0105) STAFF

ENEE496 **Lasers and Electro-optic Devices; Grade Method: REG.** 3 credits
Pre- or corequisite: ENEE 381. Completion of all lower-division technical courses in the EE curriculum. See above note.
0101 (19106) MW.....11:00am-12:15pm (EGR 1110) STAFF

ENEE608A **Graduate Seminar: Communications; Grade Method: REG/AUD.** For majors only. 1 credit
0101 (19116) F..... 1:00pm- 2:30pm (EGR 0108) STAFF

ENEE608B **Graduate Seminar: Computers; Grade Method: REG/AUD.** For majors only. 1-2 credits
0101 (19126) W..... 2:00pm- 3:00pm (AVW 1112) STAFF
Time and room to be arranged Dis

ENEE608C **Graduate Seminar: Controls; Grade Method: REG/AUD.** For majors only. 1 credit
0101 (19136) W..... 4:00pm- 5:00pm (EGR 0135) STAFF

ENEE608D **Graduate Seminar: Electrophysics; Grade Method: REG/AUD.** For majors only. 1 credit
0101 (19146) F..... 4:00pm- 5:30pm (EGR 0108) STAFF

ENEE608E **Graduate Seminar: Micro-Electronics Seminar; Grade Method: REG/AUD.** For majors only. 1 credit
0101 (19156) M..... 4:00pm- 5:30pm (EGR 1110) STAFF

ENEE609A (PermReq) **Projects in Electrical Engineering: Independent Study; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-3 credits

ENEE609B (PermReq) **Projects in Electrical Engineering; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-3 credits

ENEE620 **Random Processes in Communication and Control; Grade Method: REG/AUD.** *Prerequisite: ENEE 324 or equivalent.* 3 credits
0101 (19298) MW.....12:30pm- 1:45pm (ITV 1111) STAFF

ENEE621 **Estimation and Detection Theory; Grade Method: REG/AUD.** *Prerequisite: ENEE 620 or equivalent. Also offered as MAPL 644.* 3 credits
0101 (19308) TuTh..... 3:30pm- 4:45pm (CHM 0115) STAFF

ENEE623 **Digital Communications; Grade Method: REG/AUD.** *Prerequisites: ENEE 620 and ENEE 420 or equivalents, or permission of instructor.* 3 credits
0101 (19318) MW..... 2:00pm- 3:15pm (CHE 2140) STAFF

ENEE648D **Advanced Topics in Electrical Engineering: Superconductivity Introduction Application; Grade Method: REG/AUD.** 3 credits
0101 (19328) MW..... 5:00pm- 6:15pm (EGR 3106) STAFF

ENEE648K **Advanced Topics in Electrical Engineering: Fundamental Algorithmics; Grade Method: REG/AUD.** 3 credits

0101 (19338) TuTh..... 5:00pm- 6:15pm (EGR 3110) STAFF

ENEE648Y **Advanced Topics in Electrical Engineering: Physics and Device Application of Semiconductor Heterojunction; Grade Method: REG/AUD.** 3 credits
0101 (19348) MW.....10:00am-11:15am (CHE 2120) STAFF

ENEE664 **Optimal Control; Grade Method: REG/AUD.** 3 credits
Prerequisite: ENEE 460. Also offered as MAPL 641.
0101 (19358) TuTh..... 2:00pm- 3:15pm (EGR 3108) STAFF

ENEE681 **Electromagnetic Theory II; Grade Method: REG/AUD.** 3 credits
Prerequisite: ENEE 381 or equivalent.
0101 (19368) MW.....11:00am-12:15pm (EGR 3106) STAFF

ENEE696 **Integrated and Microwave Electronics; Grade Method: REG/AUD.** 3 credits
Prerequisite: ENEE 310. Recommended: ENEE 793.
0101 (19378) TuTh..... 2:00pm- 3:15pm (EGR 0108) STAFF

ENEE697 **Semiconductor Devices and Technology; Grade Method: REG/AUD.** 3 credits
Prerequisite: ENEE 496 or equivalent. Recommended: ENEE 793.
0101 (19388) TuTh.....11:00am-12:15pm (EGR 1126) STAFF

ENEE722 **Error Correcting Codes; Grade Method: REG/AUD.** 3 credits
Also offered as MAPL 732.
0101 (19398) MW..... 9:30am-10:45am (ARM 0116) STAFF

ENEE769A **Advanced Topics in Control Theory: Design & Control of Robotic Manipulators; Grade Method: REG/AUD.** 3 credits
0101 (19408) MW.....12:30pm- 1:45pm (EGR 3110) STAFF

ENEE790 **Quantum Electronics I; Grade Method: REG/AUD.** 3 credits
Prerequisite: a knowledge of quantum mechanics or permission of instructor.
0101 (19418) TuTh..... 5:00pm- 6:15pm (EGR 1102) STAFF

ENEE799 (PermReq) **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-6 credits

ENEE899 (PermReq) **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** 1-8 credits

ENES Engineering Science (Engineering)

ENES100 (PermReq) **Introduction to Engineering Design; Grade Method: REG/P-F/AUD.** Engineering College (04) only. ENES 100 may be used to fulfill the ENES 101 requirement effective Fall 1992. 2 credits
01*1 (19609) W.....11:00am-11:50am (ARM 0135) STAFF
W..... 1:00pm- 3:00pm (CHE 2145) Dis
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
01*2 (19610) W.....11:00am-11:50am (ARM 0135) STAFF
Th..... 1:00pm- 3:00pm (EGR 0110) Dis
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
01*3 (19611) W.....11:00am-11:50am (ARM 0135) STAFF
Th.....10:00am-12:00pm (EGR 3108) Dis
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
01*4 (19612) W.....11:00am-11:50am (ARM 0135) STAFF
F..... 8:00am-10:00am (CHE 2136) Dis
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

ENES102 **Statics; Grade Method: REG/P-F/AUD.** *For engineering majors only. Formerly ENES 110.* Engineering College (04) only. 2 credits
0101 (19622) TuTh..... 9:30am-10:20am (ARM 0135) STAFF
M..... 1:00pm- 1:50pm (EGR 1126) Dis
0102 (19623) TuTh..... 9:30am-10:20am (ARM 0135) STAFF
Tu..... 1:00pm- 1:50pm (EGR 0108) Dis
0103 (19624) TuTh..... 9:30am-10:20am (ARM 0135) STAFF
W..... 1:00pm- 1:50pm (EGR 1126) Dis
0104 (19625) TuTh..... 9:30am-10:20am (ARM 0135) STAFF
Th..... 1:00pm- 1:50pm (EGR 1104) Dis
0201 (19626) TuTh.....11:00am-11:50am (ARM 0135) STAFF
M..... 1:00pm- 1:50pm (EGR 1106) Dis
0202 (19627) TuTh.....11:00am-11:50am (ARM 0135) STAFF
Tu..... 1:00pm- 1:50pm (CHE 2140) Dis
0203 (19628) TuTh.....11:00am-11:50am (ARM 0135) STAFF
W..... 1:00pm- 1:50pm (EGR 1106) Dis
0204 (19629) TuTh.....11:00am-11:50am (ARM 0135) STAFF
Th..... 1:00pm- 1:50pm (EGR 0108) Dis
0301 (19630) TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
M..... 2:00pm- 2:50pm (EGR 1126) Dis
0302 (19631) TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
Tu..... 2:00pm- 2:50pm (EGR 2154) Dis
0303 (19632) TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
W..... 2:00pm- 2:50pm (EGR 1126) Dis
0304 (19633) TuTh.....12:30pm- 1:20pm (ARM 0131) STAFF
Th..... 2:00pm- 2:50pm (CHM 0122) Dis

ENES103 **FORTRAN for Engineers; Grade Method: REG/P-F/AUD.** *For engineering majors only.* Engineering College (04) only. 1 credit
0101 (19643) M.....11:00am-11:50am (EGR 0135) STAFF
0201 (19644) W.....11:00am-11:50am (EGR 0135) Pohland, R.
0301 (19645) F.....11:00am-11:50am (CHE 2136) STAFF
0401 (19646) M.....12:00pm-12:50pm (EGR 1108) STAFF
0501 (19647) W.....12:00pm-12:50pm (EGR 2112) STAFF
0601 (19648) F.....12:00pm-12:50pm (EGR 1106) STAFF
0701 (19649) M..... 1:00pm- 1:50pm (EGR 0135) STAFF
0801 (19650) W..... 1:00pm- 1:50pm (EGR 1108) STAFF
0901 (19651) F..... 1:00pm- 1:50pm (EGR 1108) STAFF

ENES220 **Mechanics of Materials; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 141; and PHYS 161; and ENES 102 or ENES 110. For engineering majors only (not including ENEE majors).* Engineering College (04) only. 4 credits
0101 (19661) MWF..... 8:00am- 8:50am (EGR 1202) STAFF
M..... 2:00pm- 4:00pm (CHM 0122) Dis
0102 (19662) MWF..... 8:00am- 8:50am (EGR 1202) STAFF
W..... 2:00pm- 4:00pm (CHM 0122) Dis
0201 (19663) MWF..... 9:00am- 9:50am (CHE 2108) STAFF
M..... 2:00pm- 4:00pm (CHM 0127) Dis
0202 (19664) MWF..... 9:00am- 9:50am (CHE 2108) STAFF
W..... 2:00pm- 4:00pm (CHM 0127) Dis
0301 (19665) TuTh..... 8:00am- 9:15am (EGR 1202) STAFF
Tu..... 2:00pm- 4:00pm (CHE 2136) Dis
0302 (19666) TuTh..... 8:00am- 9:15am (EGR 1202) STAFF
Th..... 2:00pm- 4:00pm (CHE 2136) Dis

ENES220H **Mechanics of Materials; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 141; and PHYS 161; and ENES 102 or ENES 110. For engineering majors only (not including ENEE majors).* 4 credits
0101 (19676) MWF..... 9:00am- 9:50am (EGR 2112) Dolly, J.
W..... 2:00pm- 4:00pm (MTH 0411) Lab

ENES221 **Dynamics; Grade Method: REG/P-F/AUD.** *Prerequisites: ENES 102 or ENES 110; and MATH 141; and PHYS 161.* Engineering College (04) only. 3 credits
0101 (19686) TuTh..... 9:30am-10:20am (ARM 0126) Walston, W.
M..... 1:00pm- 2:50pm (ARM 0116) Dis
0102 (19687) TuTh..... 9:30am-10:20am (ARM 0126) Walston, W.
Tu..... 1:00pm- 2:50pm (EGR 1104) Dis
0103 (19688) TuTh..... 9:30am-10:20am (ARM 0126) Walston, W.
W..... 1:00pm- 2:50pm (HBK 0123) Dis
0104 (19689) TuTh..... 9:30am-10:20am (ARM 0126) Walston, W.
Th..... 1:00pm- 2:50pm (EGR 2154) Dis
0105 (19690) TuTh..... 9:30am-10:20am (ARM 0126) Walston, W.
F..... 1:00pm- 2:50pm (EGR 1104) Dis

ENES230 **Introduction to Materials and their Applications; Grade Method: REG/P-F/AUD.** *Prerequisite: ENES 102 or ENES 110.* Engineering College (04) only. 3 credits

0101 (19700) TuTh..... 9:30am-10:45am (MCB 1207) Yeh, K.

ENES240 Engineering Computation; Grade Method: REG. 3 credits
Prerequisite: MATH 141. Engineering College (04) only.

0102 (19710) MW.....11:00am-11:50am (EGR 1202) STAFF
Tu.....10:00am-12:00pm (EGR 3111) Dis
0103 (19711) MW.....11:00am-11:50am (EGR 1202) STAFF
Tu..... 1:00pm- 3:00pm (EGR 0110) Dis
0104 (19712) MW.....11:00am-11:50am (EGR 1202) STAFF
Th.....10:00am-12:00pm (ARM 0120) Dis
0106 (19713) MW.....11:00am-11:50am (EGR 1202) STAFF
Th..... 1:00pm- 3:00pm (CHE 2140) Dis
0107 (19714) MW.....11:00am-11:50am (EGR 1202) STAFF
F..... 1:00pm- 3:00pm (EGR 3110) Dis

ENES388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

ENES388 Engineering Honors Seminar; Grade Method: REG/P-F. Engineering College (04) only. 1 credit

0101 (19725) W..... 1:00pm- 1:50pm (EGR 1110) Dieter, G.

ENFP Engineering, Fire Protection (Engineering)

ENFP290 Fire Protection Fluids; Grade Method: REG/P-F/AUD. 3 credits
0101 (19775) TuTh.....10:00am-12:00pm (EGR 0135) Milke, J.

ENFP312 (PermReq) Heat Transfer Applications in Fire Protection; Grade Method: REG/P-F/AUD. *Prerequisites: CMSC 110 and ENES 240; or ENME 320; or ENME 217.* 3 credits
0101 (19785) TuTh..... 1:00pm- 3:00pm (EGR 0135) Quintiere, J.

ENFP315 (PermReq) Fire Protection Systems Design II; Grade Method: REG/P-F/AUD. *Prerequisites: ENFP 290; and ENFP 310.* Majors only. 3 credits
0101 (19795) MW..... 2:00pm- 4:00pm (EGR 0135) Mowrer, F.

ENFP411 (PermReq) Fire Protection Hazard Analysis; Grade Method: REG/P-F/AUD. *Prerequisites: ENFP 251; and ENFP 315.* Majors only. 3 credits
0101 (19805) TuTh..... 3:00pm- 5:00pm (EGR 0135) Mowrer, F.

ENFP416 (PermReq) Problem Synthesis and Design; Grade Method: REG/P-F/AUD. *Senior standing.* Majors only. 3 credits
0101 (19815) MW..... 8:00am-10:00am (EGR 0135) Bryan, J.

ENFP489 (PermReq) Special Topics: Fire Protection Engineering Seminar; Grade Method: REG/P-F/AUD. Majors only. 3 credits
0101 (19825) M..... 6:30pm- 9:30pm (EGR 0135) Mowrer, F.

ENFP612 Toxicity Evaluation and Analysis; Grade Method: REG/AUD. 3 credits
0101 (19835) Time and room to be arranged STAFF

ENFP620 (PermReq) Fire Dynamics Laboratory; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits
0101 (19845) W..... 5:00pm- 8:00pm (EGR 0135) Quintiere, J.

ENFP625 (PermReq) Advanced Fire Modeling; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits
0101 (19855) M..... 6:30pm- 9:30pm (EGR 0135) Mowrer, F.

ENFP799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENGL English (Arts and Humanities)

A student enrolled in ENGL A101, Spring 1994 ENGL 101, will have a reserved seat in the course for the Spring 1994 semester. The enrollment must be confirmed during Spring 1994 advance registration.

ENGL101 Introduction to Writing; Grade Method: REG. Students with a TSWE score of 33 or below must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101. 3 credits

0101 (19936) MWF..... 9:00am- 9:50am (SCP 2119) STAFF
0103 (19937) MWF..... 9:00am- 9:50am (HBK 1108) STAFF
0104 (19938) MWF..... 9:00am- 9:50am (KEY 0123) STAFF
0105 (19939) MWF..... 9:00am- 9:50am (KEY 0119) STAFF
0106 (19940) MWF..... 9:00am- 9:50am (ARC 1123) STAFF
0107 (19941) MWF..... 9:00am- 9:50am (SCP 1103) STAFF
0201 (19942) MWF.....10:00am-10:50am (HBK 1108) STAFF
0202 (19943) MWF.....10:00am-10:50am (ARM 0120) STAFF
0203 (19944) MWF.....10:00am-10:50am (EGR 1124) STAFF
0204 (19945) MWF.....10:00am-10:50am (HBK 0125) STAFF
0205 (19946) MWF.....10:00am-10:50am (ARM 0102) STAFF
0206 (19947) MWF.....10:00am-10:50am (EGR 3114) STAFF
0207 (19948) MWF.....10:00am-10:50am (ARM 0118) STAFF
0208 (19949) MWF.....10:00am-10:50am (ARM 0121) STAFF
0301 (19950) MWF.....11:00am-11:50am (EGR 3111) STAFF
0302 (19951) MWF.....11:00am-11:50am (ARM 0120) STAFF
0303 (19952) MWF.....11:00am-11:50am (SCP 1119) STAFF
0304 (19953) MWF.....11:00am-11:50am (SCP 2117) STAFF
0305 (19954) MWF.....11:00am-11:50am (SCP 1123) STAFF
0306 (19955) MWF.....11:00am-11:50am (ARM 0121) STAFF
0401 (19956) MWF.....12:00pm-12:50pm (LEF 1220) STAFF
0402 (19957) MWF.....12:00pm-12:50pm (ARM 0120) STAFF
0403 (19958) MWF.....12:00pm-12:50pm (DNC 1147A) STAFF
0404 (19959) MWF.....12:00pm-12:50pm (ARM 0121) STAFF
0405 (19960) MWF.....12:00pm-12:50pm (SCP 1103) STAFF
0406 (19961) MWF.....12:00pm-12:50pm (SCP 1105) STAFF
0501 (19962) MWF..... 1:00pm- 1:50pm (HBK 1108) STAFF
0502 (19963) MWF..... 1:00pm- 1:50pm (ARM 0103) STAFF
0503 (19964) MWF..... 1:00pm- 1:50pm (SCP 2122) STAFF
0504 (19965) MWF..... 1:00pm- 1:50pm (ARM 0121) STAFF
0505 (19966) MWF..... 1:00pm- 1:50pm (KEY 0121) STAFF
0506 (19967) MWF..... 1:00pm- 1:50pm (KEY 0125) STAFF
0601 (19968) MWF..... 2:00pm- 2:50pm (EGR 1110) STAFF
0602 (19969) MWF..... 2:00pm- 2:50pm (ARM 0103) STAFF
0603 (19970) MWF..... 2:00pm- 2:50pm (KEY 0123) STAFF
0604 (19971) MWF..... 2:00pm- 2:50pm (WDS 1131) STAFF
0701 (19972) MWF..... 3:00pm- 3:50pm (KEY 0121) STAFF
0702 (19973) MWF..... 3:00pm- 3:50pm (SCP 1105) STAFF
1001 (19974) TuTh..... 8:00am- 9:15am (KEY 0117) STAFF
1002 (19975) TuTh..... 8:00am- 9:15am (KEY 0119) STAFF
11RH (19976) TuTh..... 9:30am-10:45am (LPA 1125) STAFF
1101 (19977) TuTh..... 9:30am-10:45am (EGR 0104) STAFF
1102 (19978) TuTh..... 9:30am-10:45am (EGR 1124) STAFF
1103 (19979) TuTh..... 9:30am-10:45am (WDS 1130) STAFF
1104 (19980) TuTh..... 9:30am-10:45am (ARC 1127) STAFF
1105 (19981) TuTh..... 9:30am-10:45am (SYM 1308) STAFF
12RH (19982) TuTh.....11:00am-12:15pm (DEN 11211 STAFF
1201 (19983) TuTh.....11:00am-12:15pm (HBK 0125) STAFF
1202 (19984) TuTh.....11:00am-12:15pm (ARM 0103) STAFF
1203 (19985) TuTh.....11:00am-12:15pm (CHE 2116) STAFF
1204 (19986) TuTh.....11:00am-12:15pm (EGR 1110) STAFF
1205 (19987) TuTh.....11:00am-12:15pm (EGR 0102) STAFF
1206 (19988) TuTh.....11:00am-12:15pm (CHE 2140) STAFF
1301 (19989) TuTh.....12:30pm- 1:45pm (HBK 1112) STAFF
1302 (19990) TuTh.....12:30pm- 1:45pm (JMZ 0120) STAFF
1303 (19991) TuTh.....12:30pm- 1:45pm (ARM 0120) STAFF
1305 (19992) TuTh.....12:30pm- 1:45pm (ARM 0101) STAFF
1306 (19993) TuTh.....12:30pm- 1:45pm (WDS 1130) STAFF
1307 (19994) TuTh.....12:30pm- 1:45pm (KEY 0119) STAFF
1401 (19995) TuTh..... 2:00pm- 3:15pm (ARM 0101) STAFF
1402 (19996) TuTh..... 2:00pm- 3:15pm (JMZ 0120) STAFF
1403 (19997) TuTh..... 2:00pm- 3:15pm (CHE 2120) STAFF
1404 (19998) TuTh..... 2:00pm- 3:15pm (ARM 0105) STAFF
1405 (19999) TuTh..... 2:00pm- 3:15pm (KEY 0119) STAFF
1501 (20000) TuTh..... 3:30pm- 4:45pm (KEY 0124) STAFF

ENGL101A Introduction to Writing; Grade Method: REG. Students must take ENGL 101A rather than ENGL 101 if their TSWE score (a subscore of the SAT verbal) is 33 or below. Classes are limited to 15 students. 3 credits
1701 (20010) MWF.....10:00am-10:50am (KEY 0124) STAFF

ENGL101H (PermReq) Introduction to Writing; Grade Method: REG. For general Honors students or students with a verbal SAT of 600 or better. 3 credits
0201 (20020) MWF.....10:00am-10:50am (KEY 0120) STAFF

A student enrolled in ENGL X101, Spring 1994 ENGL 101X, will have a reserved seat in the course for the Spring 1994 semester. The enrollment must be confirmed during Spring 1994 advance registration.

ENGL101X Introduction to Writing; Grade Method: REG. Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to advisors 1. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005, Advanced English as a Foreign Language, Semi-Intensive. 3 credits
2001 (20030) MWF..... 9:00am- 9:50am (KEY 0117) STAFF
2002 (20031) TuTh.....11:00am-12:15pm (HZF 1106) STAFF
2003 (20032) TuTh..... 9:30am-10:45am (JMZ 1104) STAFF
2004 (20033) MWF.....12:00pm-12:50pm (KEY 0123) STAFF
2005 (20034) MWF.....10:00am-10:50am (WDS 0104) STAFF

ENGL201 Western World Literature, Homer to the Renaissance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (20044) MWF.....10:00am-10:50am (SCP 1107) STAFF
02*1 (20045) TuTh..... 9:30am-10:45am (ARC 1123) Coleman, L.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0301 (20046) MWF..... 2:00pm- 2:50pm (KEY 0121) STAFF

ENGL202 Western World Literature, Renaissance to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0201 (20056) MWF.....11:00am-11:50am (HBK 1116) STAFF
0301 (20057) MWF..... 1:00pm- 1:50pm (SCP 1105) STAFF
0401 (20058) TuTh..... 9:30am-10:45am (TWS 0138) STAFF
0501 (20059) TuTh.....11:00am-12:15pm (SYM 1308) STAFF

ENGL202H (PermReq) Western World Literature, Renaissance to the Present; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. For University Honors students. 3 credits
0101 (20069) MWF.....11:00am-11:50am (SCP 1105) Cross, R.

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Recommended for non-majors.* 3 credits
01*1 (20079) TuTh.....11:00am-12:15pm (KEY 0123) Wilson, G.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0201 (20080) MWF.....12:00pm-12:50pm (SCP 2122) STAFF
0401 (20081) TuTh.....12:30pm- 1:45pm (DNC 1147A) STAFF
0501 (20082) MWF.....11:00am-11:50am (SCP 2122) STAFF
0601 (20083) MWF.....10:00am-10:50am (SCP 2121) STAFF
0701 (20084) MWF.....10:00am-10:50am (SCP 1105) STAFF

ENGL205H (PermReq) Introduction to Shakespeare; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Recommended for non-majors.* For University Honors students. 3 credits
0101 (20094) TuTh..... 9:30am-10:45am (KEY 0103) Winton, C.

ENGL212 English Literature From 1800 to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
02*1 (20124) TuTh..... 9:30am-10:45am (SCP 2120) Isaacs, N.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0401 (20125) MWF.....10:00am-10:50am (HZF 1106) STAFF

ENGL212H (PermReq) English Literature From 1800 to the Present; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. For University Honors students. 3 credits
0101 (20135) TuTh.....11:00am-12:15pm (SCP 1107) Cate, G.

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0401 (20166) MWF..... 1:00pm- 1:50pm (KEY 0126) STAFF
0501 (20167) MWF.....10:00am-10:50am (CHM 0122) STAFF

ENGL234 Introduction to African-American Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (20187) TuTh.....11:00am-12:15pm (DNC 1147A) STAFF
0301 (20188) TuTh.....11:00am-12:15pm (HZF 1101) STAFF
0601 (20189) MWF.....11:00am-11:50am (ARC 1125) STAFF
0701 (20190) MWF.....10:00am-10:50am (KEY 0103) STAFF
0801 (20191) TuTh..... 9:30am-10:45am (TYD 2106) STAFF
0901 (20192) TuTh.....12:30pm- 1:45pm (HBK 0123) STAFF

ENGL240 Introduction to Fiction, Poetry, and Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Not open to students who have completed ENGL 102.* 3 credits
0101 (20202) MWF..... 9:00am- 9:50am (KEY 0125) STAFF
0201 (20203) MWF.....10:00am-10:50am (SCP 1119) STAFF
0301 (20204) TuTh.....11:00am-12:15pm (ARM 0116) STAFF
0401 (20205) TuTh.....12:30pm- 1:45pm (ASY 3207) STAFF

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (20215) TuTh.....11:00am-12:15pm (SCP 2122) Salamanca, J.
0201 (20216) TuTh..... 9:30am-10:45am (WDS 0104) STAFF
0301 (20217) TuTh.....11:00am-12:15pm (ARC 1127) STAFF
0401 (20218) TuTh..... 2:00pm- 3:15pm (SCP 1103) STAFF
0501 (20219) TuTh..... 2:00pm- 3:15pm (ARM 0119) STAFF
0601 (20220) MWF.....10:00am-10:50am (SCP 2120) STAFF
0901 (20221) MWF..... 9:00am- 9:50am (SCP 1105) STAFF
1001 (20222) TuTh.....12:30pm- 1:45pm (ARM 0119) STAFF
1101 (20223) TuTh.....12:30pm- 1:45pm (SCP 1119) STAFF

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (20233) TuTh.....11:00am-12:15pm (EDU 3236) Sands, M.
0201 (20234) TuTh..... 2:00pm- 3:15pm (SCP 2117) STAFF
0301 (20235) TuTh.....12:30pm- 1:45pm (WDS 1131) STAFF
0401 (20236) MWF.....12:00pm-12:50pm (SCP 2117) STAFF
0501 (20237) MWF..... 9:00am- 9:50am (SCP 1101) STAFF
0601 (20238) MWF..... 1:00pm- 1:50pm (TYD 1114) STAFF
0701 (20239) MWF.....10:00am-10:50am (SCP 1103) STAFF
0801 (20240) TuTh..... 3:30pm- 4:45pm (SCP 1105) STAFF

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (20250) TuTh..... 9:30am-10:45am (HBK 1116) STAFF
0201 (20251) TuTh..... 9:30am-10:45am (SCP 1107) STAFF
0301 (20252) TuTh.....12:30pm- 1:45pm (TYD 0101) STAFF

ENGL250 Introduction to Literature by Women; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (20262) TuTh.....11:00am-12:15pm (HBK 0117) STAFF
0201 (20263) MWF..... 1:00pm- 1:50pm (LEF 1201) STAFF
0301 (20264) TuTh.....11:00am-12:15pm (EGR 1106) STAFF
0501 (20265) MWF..... 9:00am- 9:50am (SCP 2122) STAFF
0601 (20266) TuTh..... 9:30am-10:45am (JMZ 3205) STAFF

ENGL250H (PermReq) Introduction to Literature by Women; Grade Method: REG. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. For University Honors students. 3 credits
0101 (20276) MWF.....11:00am-11:50am (ASY 3219) Ryan, L.

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. *Not open to students who have completed ENGL 360.* 3 credits
0101 (20286) TuTh..... 9:30am-10:45am (SCP 1103) Pearson, B.
0201 (20287) MWF..... 1:00pm- 1:50pm (SCP 1101) Fry, G.

ENGL277 Mythologies: An Introduction; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. 3 credits
0101 (20297) TuTh..... 9:30am-10:45am (SCP 2122) Flieger, V.

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD. 3 credits
0101 (20307) TuTh.....11:00am-12:15pm (EGR 0108) STAFF
0201 (20308) MWF..... 2:00pm- 2:50pm (SCP 1117) STAFF

ENGL291 Intermediate Writing; Grade Method: REG/P-F/AUD. 3 credits
0101 (20318) TuTh..... 2:00pm- 3:15pm (KEY 0117) STAFF
0201 (20319) MWF..... 1:00pm- 1:50pm (KEY 0117) STAFF

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD. *Sophomore standing.* 3 credits
0101 (20329) MWF.....10:00am-10:50am (KEY 0123) STAFF
0201 (20330) MWF.....12:00pm-12:50pm (SCP 2120) STAFF

ENGL298 Beginning Fiction Workshop; Grade Method: REG/P-F/AUD. 3 credits
0101 (20340) TuTh.....11:00am-12:15pm (ARM 0121) STAFF
0201 (20341) TuTh..... 9:30am-10:45am (ARM 0121) STAFF
0301 (20342) MWF..... 2:00pm- 2:50pm (SCP 1123) STAFF

ENGL297 Beginning Poetry Workshop; Grade Method: REG/P-F/AUD. 3 credits
0201 (20352) TuTh..... 9:30am-10:45am (KEY 0119) STAFF
0301 (20353) TuTh..... 2:00pm- 3:15pm (ARC 1125) STAFF

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG. *For English and English education majors only.* 3 credits
0101 (20363) MWF.....10:00am-10:50am (KEY 0119) Schilb, J.
0201 (20364) MWF.....12:00pm-12:50pm (SCP 1107) Richardson, B.
0301 (20365) MWF.....11:00am-11:50am (SCP 1107) Richardson, B.
0401 (20366) TuTh..... 9:30am-10:45am (WDS 1131) Robinson, J.
0501 (20367) TuTh.....11:00am-12:15pm (SCP 2117) Trousdale, M.
0701 (20368) MWF.....10:00am-10:50am (KEY 0121) Saje, N.
0801 (20369) TuTh.....12:30pm- 1:45pm (SCP 1107) Robinson, J.
0901 (20370) MWF..... 9:00am- 9:50am (SCP 2120) Saje, N.

ENGL304 The Major Works of Shakespeare; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C: Literature and the Arts Course. *Not open to students who have completed ENGL 403 and ENGL 404.* 3 credits
0101 (20380) MW..... 9:00am- 9:50am (SCP 1120) Dobin, H.
F..... 9:00am- 9:50am (KEY 0103) Dis
0102 (20381) MW..... 9:00am- 9:50am (SCP 1120) Dobin, H.
F.....12:00pm-12:50pm (SCP 2121) Dis
0103 (20382) MW..... 9:00am- 9:50am (SCP 1120) Dobin, H.
F..... 9:00am- 9:50am (KEY 0126) Dis
0104 (20383) MW..... 9:00am- 9:50am (SCP 1120) Dobin, H.
F..... 1:00pm- 1:50pm (ARC 1125) Dis

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 (20393) MWF..... 9:00am- 9:50am (SCP 1107) Moser, T.
0201 (20394) MWF.....10:00am-10:50am (SCP 2117) Moser, T.

ENGL311 Baroque and Augustan British Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 (20404) TuTh.....11:00am-12:15pm (JMZ 2122) Sherman, W.
0201 (20405) MWF.....10:00am-10:50am (SCP 2122) Buhlig, P.

ENGL312 Romantic to Modern British Literature; Grade Method: REG/P-F/AUD. 3 credits
0201 (20415) TuTh..... 9:30am-10:45am (SCP 1119) Cate, G.
0301 (20416) MWF..... 1:00pm- 1:50pm (SCP 1119) Kleine, D.

ENGL313 American Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 (20426) TuTh..... 2:00pm- 3:15pm (SCP 2122) Vitzthum, R.
0201 (20427) TuTh.....11:00am-12:15pm (SCP 2121) Vitzthum, R.

ENGL320 English Romantic Literature; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. *Prerequisite: two college-level literature courses. Credit will be granted for only one of the following: ENGL 320 and ENGL 420 or ENGL 320 and ENGL 421.* 3 credits
0201 (20437) TuTh.....11:00am-12:15pm (SCP 1103) Howard, J.

ENGL345 Twentieth Century Poetry; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C: Literature and the Arts Course. *Not open to students who have completed ENGL 445 or ENGL 446.* 3 credits
0101 (20447) MWF..... 9:00am- 9:50am (SCP 2117) Cross, R.

ENGL348B Literary Works by Women: Science Fiction by Women; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. 3 credits
0101 (20457) TuTh..... 9:30am-10:45am (HZF 1102) Donawerth, J.
0201 (20458) TuTh.....11:00am-12:15pm (HZF 1102) Donawerth, J.

ENGL362 Caribbean Literature in English; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 (20468) MWF.....11:00am-11:50am (SCP 1101) King, N.

ENGL370 (PermReq) Junior Honors Conference; Grade Method: REG/P-F/AUD. *Prerequisite: candidacy for honors in English.* 1 credit
0101 (20478) Th..... 5:30pm- 5:30pm (SCP 2117) Auchard, J.

ENGL371 (PermReq) Senior Honors Conference; Grade Method: REG/P-F/AUD. *Prerequisite: candidacy for honors in English.* 1 credit
0101 (20488) F..... 3:00pm- 5:00pm (SCP 1107) Auchard, J.

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENGL379C Special Topics in Literature: The CIA in Literature; Grade Method: REG/P-F/AUD. 3 credits
0101 (20571) TuTh.....11:00am-12:15pm (SCP 2120) Isaacs, N.

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. 3 credits
0101 (20581) M..... 6:30pm-10:00pm (SCP 1120) Miller, J.
0201 (20582) M..... 6:30pm-10:00pm (SCP 1120) Miller, J.

ENGL379G Special Topics in Literature: An American Comedy of Manners: Films of Howard Hawks and Woody Allen; Grade Method: REG/AUD. 3 credits
0101 (20592) Tu..... 6:30pm-10:00pm (SCP 1120) Miller, J.

ENGL379U Special Topics in Literature: Theatre and Performance Theory; Grade Method: REG/P-F/AUD. This course will be team taught by Prof. Kent Cartwright and Cynthia Wimmer. 3 credits

0101 (20602) TuTh..... 2:00pm- 3:15pm (SCP 1119) Cartwright, K.

ENGL380 (PermReq) **Internship; Grade Method: REG.** *Prerequisite: permission of department.* 1-6 credits
0101 (20612) Time and room to be arranged Terchek, M.
0201 (20613) Time and room to be arranged Oswald, S.
0301 (20614) Time and room to be arranged DiPaolo, T.

ENGL383 **The Uses of Language; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20624) TuTh.....11:00am-12:15pm (KEY 0121) Coleman, L.

ENGL391 **Advanced Composition; Grade Method: REG.** *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement. 3 credits
0001 (20634) MWF..... 8:00am- 8:50am (SCP 2119) STAFF
0102 (20635) MWF..... 9:00am- 9:50am (WDS 1131) STAFF
0103 (20636) MWF..... 9:00am- 9:50am (SCP 2121) STAFF
0202 (20637) MWF.....10:00am-10:50am (WDS 1127) STAFF
0203 (20638) MWF.....10:00am-10:50am (TWS 0138) STAFF
0301 (20639) MWF.....11:00am-11:50am (KEY 0120) STAFF
0303 (20640) MWF.....11:00am-11:50am (SCP 2121) STAFF
0402 (20641) MWF.....12:00pm-12:50pm (SCP 1123) STAFF
0404 (20642) MWF.....12:00pm-12:50pm (KEY 0120) STAFF
0502 (20643) MWF..... 1:00pm- 1:50pm (HBK 0125) STAFF
0504 (20644) MWF..... 1:00pm- 1:50pm (SCP 1107) STAFF
0601 (20645) MWF..... 2:00pm- 2:50pm (JMZ 0118) STAFF
1001 (20646) TuTh..... 8:00am- 9:15am (SCP 1111) STAFF
1101 (20647) TuTh..... 9:30am-10:45am (SCP 2121) STAFF
1104 (20648) TuTh..... 9:30am-10:45am (SCP 1111) STAFF
1105 (20649) TuTh..... 9:30am-10:45am (DNC 1139B) STAFF
1202 (20650) TuTh.....11:00am-12:15pm (JMZ 0103) STAFF
1203 (20651) TuTh.....11:00am-12:15pm (SCP 2119) STAFF
1204 (20652) TuTh.....11:00am-12:15pm (EGR 3114) STAFF
1302 (20653) TuTh.....12:30pm- 1:45pm (SCP 2119) STAFF
1303 (20654) TuTh.....12:30pm- 1:45pm (SCP 1111) STAFF
1304 (20655) TuTh.....12:30pm- 1:45pm (KEY 0121) STAFF
1401 (20656) TuTh..... 2:00pm- 3:15pm (ARM 0121) STAFF
1501 (20657) W..... 6:00pm- 8:45pm (JMZ 1226) STAFF

ENGL391X **Advanced Composition; Grade Method: REG.** *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* For students for whom English is a second language. This course satisfies the junior English requirement. 3 credits
0301 (20667) TuTh.....11:00am-12:15pm (ARM 0102) STAFF

ENGL392 **Advanced Composition: Pre-Law; Grade Method: REG.** *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement. 3 credits
0101 (20677) TuTh.....11:00am-12:15pm (TWS 2228) STAFF
0201 (20678) TuTh..... 9:30am-10:45am (ARM 0105) STAFF
0301 (20679) MWF.....11:00am-11:50am (SCP 2120) STAFF
0401 (20680) W..... 7:00pm- 9:40pm (KEY 0117) STAFF
0501 (20681) MWF..... 1:00pm- 1:50pm (KEY 0123) STAFF
0601 (20682) TuTh..... 8:00am- 9:15am (TYD 2108) STAFF

ENGL393 **Technical Writing; Grade Method: REG.** *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement. 3 credits
0001 (20692) MWF..... 8:00am- 8:50am (KEY 0117) STAFF
0101 (20693) MWF..... 9:00am- 9:50am (WDS 1127) STAFF
0102 (20694) MWF..... 9:00am- 9:50am (KEY 0120) STAFF
0201 (20695) MWF.....10:00am-10:50am (WDS 1131) STAFF
0203 (20696) MWF.....10:00am-10:50am (KEY 0117) STAFF
0204 (20697) MWF.....10:00am-10:50am (ARM 0117) STAFF
0301 (20698) MWF.....11:00am-11:50am (KEY 0123) STAFF
0302 (20699) MWF.....11:00am-11:50am (SCP 1111) STAFF
0303 (20700) MWF.....11:00am-11:50am (KEY 0117) STAFF
0401 (20701) MWF.....12:00pm-12:50pm (SCP 1111) STAFF
0403 (20702) MWF.....12:00pm-12:50pm (SCP 1101) STAFF
0404 (20703) MWF.....12:00pm-12:50pm (KEY 0119) STAFF
0501 (20704) MWF..... 1:00pm- 1:50pm (SCP 2119) STAFF
0502 (20705) MWF..... 1:00pm- 1:50pm (SCP 1123) STAFF
0602 (20706) MWF..... 2:00pm- 2:50pm (DNC 1139B) STAFF
1001 (20707) TuTh..... 8:00am- 9:15am (SCP 2119) STAFF
1101 (20708) TuTh..... 9:30am-10:45am (KEY 0117) STAFF
1102 (20709) TuTh..... 9:30am-10:45am (SCP 2119) STAFF
1104 (20710) TuTh..... 9:30am-10:45am (KEY 0120) STAFF
1201 (20711) TuTh.....11:00am-12:15pm (KEY 0119) STAFF
1202 (20712) TuTh.....11:00am-12:15pm (KEY 0120) STAFF
1203 (20713) TuTh.....11:00am-12:15pm (SCP 1123) STAFF
1204 (20714) TuTh.....11:00am-12:15pm (WDS 1127) STAFF
1301 (20715) TuTh.....12:30pm- 1:45pm (KEY 0117) STAFF
1304 (20716) TuTh.....12:30pm- 1:45pm (JMZ 2117) STAFF
1305 (20717) TuTh.....12:30pm- 1:45pm (KEY 0123) STAFF
1401 (20718) TuTh..... 2:00pm- 3:15pm (KEY 0123) STAFF
1402 (20719) TuTh..... 2:00pm- 3:15pm (SCP 2119) STAFF
1601 (20720) M..... 6:00pm- 8:40pm (SCP 2121) STAFF
1603 (20721) Tu..... 6:00pm- 8:40pm (SCP 2119) STAFF
1604 (20722) W..... 6:00pm- 8:40pm (SCP 1119) STAFF
1605 (20723) Th..... 6:00pm- 8:40pm (SCP 2119) STAFF
1607 (20724) Tu..... 6:00pm- 8:40pm (KEY 0117) STAFF

ENGL393X **Technical Writing; Grade Method: REG.** *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* For students for whom English is a second language. This satisfies the junior English requirement. 3 credits
0001 (20734) MWF..... 9:00am- 9:50am (SCP 1123) STAFF
0101 (20735) MWF.....11:00am-11:50am (SCP 2119) STAFF
0201 (20736) MWF.....12:00pm-12:50pm (KEY 0117) STAFF
1002 (20737) TuTh..... 9:30am-10:45am (KEY 0123) STAFF
1503 (20738) TuTh.....11:00am-12:15pm (KEY 0117) STAFF

ENGL394 **Business Writing; Grade Method: REG.** *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement. 3 credits
0101 (20748) MWF..... 9:00am- 9:50am (SCP 1111) STAFF
0201 (20749) MWF.....10:00am-10:50am (SCP 1123) STAFF
0301 (20750) MWF.....11:00am-11:50am (KEY 0124) STAFF
0302 (20751) MWF.....11:00am-11:50am (ARM 0118) STAFF
0401 (20752) MWF.....12:00pm-12:50pm (SCP 2119) STAFF
0501 (20753) MWF..... 1:00pm- 1:50pm (SCP 2121) STAFF
0601 (20754) MWF..... 2:00pm- 2:50pm (SCP 1111) STAFF
0701 (20755) TuTh..... 9:30am-10:45am (SCP 1123) STAFF
0702 (20756) TuTh..... 9:30am-10:45am (WDS 1127) STAFF
0801 (20757) TuTh.....11:00am-12:15pm (TWS 0135) STAFF
0901 (20758) TuTh.....11:00am-12:15pm (TYD 2102) STAFF
1001 (20759) TuTh.....12:30pm- 1:45pm (ARC 1123) STAFF
1101 (20760) TuTh.....12:30pm- 1:45pm (ARM 0121) STAFF
1201 (20761) TuTh..... 2:00pm- 3:15pm (DNC 1147A) STAFF
1601 (20762) Tu..... 6:00pm- 8:40pm (SCP 2120) STAFF
1602 (20763) W..... 6:00pm- 8:40pm (KEY 0121) STAFF

ENGL395 **Technical Writing: Pre-Medical; Grade Method: REG.** *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement. 3 credits
0101 (20773) MWF.....10:00am-10:50am (SCP 1111) STAFF
0201 (20774) TuTh..... 9:30am-10:45am (ARM 0103) STAFF
0301 (20775) TuTh.....11:00am-12:15pm (SCP 1111) STAFF

ENGL396 (PermReq) **Intermediate Fiction Workshop; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (20785) Tu..... 2:00pm- 4:30pm (SCP 1111) Salamanca, J.

ENGL397 (PermReq) **Intermediate Poetry Workshop; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (20795) TuTh.....12:30pm- 1:45pm (SCP 2120) Levin, P.

ENGL399A (PermReq) **Senior Seminar: The Sonnet; Grade Method: REG.** 3 credits
0101 (20805) TuTh..... 2:00pm- 3:15pm (SCP 3105) Levin, P.

ENGL399B (PermReq) **Senior Seminar: Magic and Witchcraft on the Renaissance Stage; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20815) TuTh..... 2:00pm- 3:15pm (SCP 3109) Sherman, W.

ENGL399C (PermReq) **Senior Seminar: The Non-Fiction Novel; Grade Method: REG.** 3 credits
0101 (20825) MW..... 3:30pm- 4:45pm (SCP 3105) Russell, J.

ENGL399D (PermReq) **Senior Seminar: American Drama and the Family; Grade Method: REG.** 3 credits
0101 (20835) Th..... 6:30pm- 9:00pm (SCP 3109) Robinson, J.

ENGL399E (PermReq) **Senior Seminar: Arresting Images: Impolitic Art and Censorship; Grade Method: REG.** 3 credits
0101 (20845) MW..... 2:00pm- 3:15pm (SCP 3105) Kauffman, L.

ENGL399F (PermReq) **Senior Seminar: Caribbean Literature; Grade Method: REG.** 3 credits
0101 (20855) MW..... 2:00pm- 3:15pm (SCP 4116) King, N.

ENGL399G (PermReq) **Senior Seminar: Biography; Grade Method: REG.** 3 credits
0101 (20865) TuTh.....11:00am-12:15pm (SCP 3105) Whittemore, E.

ENGL399X (PermReq) **Senior Seminar: Honors Seminar: Experimental African-American Fiction; Grade Method: REG.** 3 credits
For English honors students.
0101 (20875) MW..... 9:30am-10:45am (SCP 3105) Washington, M.

ENGL399Y (PermReq) **Senior Seminar: Honors Seminar: New Historicism; Grade Method: REG/P-F/AUD.** For English honors students. 3 credits
0101 (20885) TuTh.....11:00am-12:15pm (SCP 4116) Olmert, M.

ENGL402 **Chaucer; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20895) TuTh..... 9:30am-10:45am (KEY 0121) Rutherford, C.

ENGL403 **Shakespeare; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20905) TuTh.....11:00am-12:15pm (SCP 1101) Cartwright, K.
0201 (20906) TuTh..... 9:30am-10:45am (SCP 1101) Olmert, M.

ENGL404 **Shakespeare; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20916) TuTh..... 9:30am-10:45am (ARC 1101) Jaster, M.
0201 (20917) MWF.....10:00am-10:50am (SCP 2119) Leinwand, T.
0301 (20918) TuTh.....12:30pm- 1:45pm (SCP 2122) Jaster, M.

ENGL414 **Milton; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20928) TuTh..... 9:30am-10:45am (SKN 0104) Hamilton, G.

ENGL418A **Major British Writers: Dryden, Congreve and Behn; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20938) TuTh.....12:30pm- 1:45pm (SCP 1105) Winton, C.

ENGL423 **Literature of the Victorian Period; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20948) TuTh..... 2:00pm- 3:15pm (SCP 1101) Cate, G.

ENGL430 **American Literature, Beginning to 1810, the Colonial and Federal Periods; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20958) TuTh..... 9:30am-10:45am (SCP 1105) Levine, R.

ENGL432 **American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: two literature courses.* 3 credits
0101 (20968) MWF.....10:00am-10:50am (SCP 1101) Lawson, L.
0201 (20969) TuTh.....11:00am-12:15pm (SCP 1105) Macys, V.

ENGL433 **American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20979) MWF..... 2:00pm- 2:50pm (KEY 0103) Moore, T.

ENGL435 **American Poetry: Beginning to the Present; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20989) TuTh..... 2:00pm- 3:15pm (SCP 1105) Smith, M.

ENGL437 **Contemporary American Literature; Grade Method: REG/P-F/AUD.** 3 credits
0101 (20999) TuTh..... 2:00pm- 3:15pm (SCP 1107) Macys, V.

ENGL439B **Major American Writers After 1865: Faulkner and Welty; Grade Method: REG/P-F/AUD.** 3 credits
0101 (21009) MWF.....11:00am-11:50am (SCP 1103) Lawson, L.

ENGL441 **The Novel in America Since 1910; Grade Method: REG/P-F/AUD.** 3 credits
0101 (21019) TuTh..... 9:30am-10:45am (SCP 2117) Lindemann, M.
0201 (21020) TuTh.....11:00am-12:15pm (DNC 1139B) Lindemann, M.

ENGL444 **Feminist Critical Theory; Grade Method: REG/P-F/AUD.** *Prerequisite: ENGL 250 or WMST 200 or WMST 250.* 3 credits
0101 (21030) TuTh.....12:30pm- 1:45pm (SCP 1103) Ray, S.

ENGL448 **Contemporary British and American Poetry; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department required for students with credit in ENGL 345.* 3 credits
0101 (21040) TuTh.....12:30pm- 1:45pm (SCP 1101) Plumly, S.

ENGL453 **Literary Criticism; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: two literature courses.* 3 credits
0101 (21050) MWF..... 2:00pm- 2:50pm (SCP 1101) Richardson, B.
0201 (21051) TuTh..... 9:30am-10:45am (LEF 1201) Trousdale, M.

ENGL457 **The Modern Novel; Grade Method: REG/P-F/AUD.** 3 credits
0201 (21061) MWF..... 2:00pm- 2:50pm (SCP 1105) Kleine, D.

ENGL462 **Folksong and Ballad; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (21071) TuTh.....11:00am-12:15pm (ARC 1123) Pearson, B.

ENGL472 **African-American Literature: 1945 to Present; Grade Method: REG/P-F/AUD.** 3 credits
0101 (21081) MWF.....11:00am-11:50am (KEY 0116) Washington, M.

ENGL477 **Studies in Mythmaking; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: two literature courses.* 3 credits
0101 (21091) TuTh.....11:00am-12:15pm (SCP 1119) Flieger, V.

ENGL478H (PermReq) **Selected Topics in English and American Literature Before 1800: Honors Seminar Program: The Bible as Myth and as Text; Grade Method: REG/P-F/AUD.** 1-3 credits
0101 (21101) TuTh.....12:30pm- 1:45pm (SCP 1123) Handelman, S.

ENGL488E **Topics in Advanced Writing: Modern Women Essayists; Grade Method: REG/P-F/AUD.** 3 credits
0101 (21111) MWF..... 1:00pm- 1:50pm (SCP 1111) Schilb, J.

ENGL488T **Topics in Advanced Writing: The Rhetoric of Styles; Grade Method: REG/P-F/AUD.** 3 credits
0101 (21121) TuTh..... 9:30am-10:45am (ASY 3207) Fahnestock, J.

ENGL493 **Advanced Expository Writing; Grade Method: REG/P-F/AUD.** 3 credits
0101 (21131) TuTh.....12:30pm- 1:45pm (SCP 2117) Johnson, J.

ENGL494 **Editing and Document Design; Grade Method: REG.** *Prerequisite: ENGL 391, ENGL 393 or equivalent. For ENGL majors only.* 3 credits
0101 (21141) MWF..... 1:00pm- 1:50pm (KEY 0120) Shapiro, N.

ENGL498 (PermReq) **Advanced Fiction Workshop; Grade Method: REG/P-F/AUD.** *Prerequisite: ENGL 396 or permission of department.* 3 credits
0101 (21151) Tu..... 2:00pm- 4:30pm (KEY 0120) Norman, H.

ENGL499 (PermReq) **Advanced Poetry Workshop; Grade Method: REG/P-F/AUD.** *Prerequisite: ENGL 397 or permission of department.* 3 credits
0101 (21161) Tu..... 2:00pm- 4:30pm (SCP 2121) Plumly, S.

ENGL601 **Literary Research and Critical Contexts; Grade Method: REG/AUD.** 3 credits
0101 (21171) Tu..... 6:30pm- 9:00pm (SCP 1111) Grossman, M.

ENGL605 **Readings in Linguistics; Grade Method: REG/AUD.** 3 credits
0101 (21181) M..... 3:30pm- 6:00pm (SCP 1123) Turner, M.

ENGL621 **Readings in Renaissance English Literature; Grade Method: REG/AUD.** 3 credits
0101 (21191) Th..... 6:30pm- 9:00pm (SCP 2121) Coogan, R.

ENGL622 **Readings in Seventeenth-Century English Literature; Grade Method: REG/AUD.** 3 credits
0101 (21201) W..... 6:30pm- 9:00pm (SCP 2119) Hamilton, G.

ENGL624 **Readings in English Romantic Literature; Grade Method: REG/AUD.** 3 credits
0101 (21211) Tu..... 6:30pm- 9:00pm (SCP 1101) Howard, J.

ENGL626 **Readings in American Literature Before 1865; Grade Method: REG/AUD.** 3 credits
0101 (21221) Th..... 6:30pm- 9:00pm (SCP 1123) Levine, R.

ENGL631 **Readings in 20th Century American Literature; Grade Method: REG/AUD.** 3 credits
0101 (21231) M..... 3:30pm- 6:00pm (KEY 0123) Caramello, C.

ENGL666 **Readings in Modern Literary Theory; Grade Method: REG/AUD.** *Formerly ENGL 757.* 3 credits
0101 (21241) Th..... 3:30pm- 6:00pm (SCP 2119) Ray, S.

ENGL688 (PermReq) **Poetry Workshop; Grade Method: REG/AUD.** 3 credits
0101 (21251) M..... 4:00pm- 6:30pm (SCP 2119) Levin, P.
0201 (21252) W..... 4:00pm- 6:30pm (SCP 2121) STAFF

ENGL689 (PermReq) **Fiction Workshop; Grade Method: REG/AUD.** 3 credits
0101 (21262) W..... 4:00pm- 6:30pm (SCP 3109) Kornblatt, J.
0201 (21263) W..... 4:00pm- 6:30pm (SCP 3105) Reich, T.

ENGL698 (PermReq) **Independent Study; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** 1-3 credits

ENGL718 (PermReq) **Seminar in Medieval Literature: The Communities of Early English Drama; Grade Method: REG/AUD.** 3 credits
0101 (21347) Tu..... 6:30pm- 9:00pm (SCP 1119) Coletti, T.

ENGL719A (PermReq) **Seminar in Renaissance Literature: Shakespeare Research and Teaching; Grade Method: REG/AUD.** 3 credits
0101 (21357) M..... 6:30pm- 9:00pm (SCP 3109) Mack, M.

ENGL719B (PermReq) **Seminar in Renaissance Literature: Madness in 1516; Grade Method: REG/AUD.** 3 credits
0101 (21367) Tu..... 6:30pm- 9:00pm (SCP 4116) Coogan, R.

ENGL719C (PermReq) **Seminar in Renaissance Literature: Attending to Women in the Early Modern Period; Grade Method: REG/AUD.** 3 credits
0101 (21377) Th..... 3:30pm- 6:00pm (SCP 3105) Donawerth, J.

ENGL728 (PermReq) **Seminar in Seventeenth-Century Literature: Milton, Marvell and Mid-17th Century Politics; Grade Method: REG/AUD.** 3 credits
0101 (21387) M..... 6:30pm- 9:00pm (SCP 4116) Hamilton, G.

ENGL729 (PermReq) **Seminar in Eighteenth-Century Literature: Women, Politics and the Press 1850-1750; Grade Method: REG/AUD.** 3 credits
0101 (21397) Tu..... 6:30pm- 9:00pm (SCP 3109) McDowell, P.

ENGL738 **Seminar in Nineteenth-Century Literature: Topics in Literature and Sexuality; Grade Method: REG/AUD.** 3 credits
0101 (21407) Tu..... 3:30pm- 6:00pm (SCP 3105) Cohen, W.

ENGL748A (PermReq) **Seminar in American Literature: The American Enlightenment 1700-1800; Grade Method: REG/AUD.** 3 credits
0101 (21417) Th..... 6:30pm- 9:00pm (SCP 4116) Vitzthum, R.

ENGL748B (PermReq) **Seminar in American Literature: Autobiography of Black Folk Women; Grade Method: REG/AUD.** 3 credits
0101 (21427) W..... 6:30pm- 9:00pm (SCP 3105) Fry, G.

ENGL748C (PermReq) **Seminar in American Literature: Jewett, Cather and Wharton; Grade Method: REG/AUD.** 3 credits
0101 (21437) Th..... 3:30pm- 6:00pm (SCP 3109) Lindemann, M.

ENGL749A (PermReq) **Studies in Twentieth-Century Literature: Modern British Prose; Grade Method: REG/AUD.** 3 credits
0101 (21447) W..... 6:30pm- 9:00pm (SCP 4116) Russell, J.

ENGL749C (PermReq) **Studies in Twentieth-Century Literature: Elizabeth Bishop and Robert Lowell; Grade Method: REG/AUD.** 3 credits
0101 (21457) M..... 3:30pm- 6:00pm (SCP 3109) Cross, R.

ENGL749D (PermReq) **Studies in Twentieth-Century Literature: Caribbean Literature; Grade Method: REG/AUD.** 3 credits
0101 (21467) W..... 3:30pm- 6:00pm (SCP 2122) Savory, E.

ENGL758A (PermReq) **Literary Criticism and Theory: The Bible and Literary Criticism; Grade Method: REG/AUD.** 3 credits
0101 (21477) Tu..... 3:30pm- 6:00pm (SCP 4116) Handelman, S.

ENGL758B (PermReq) **Literary Criticism and Theory: African-American Critical Theories; Grade Method: REG/AUD.** 3 credits
0101 (21487) W..... 3:30pm- 6:00pm (SCP 4116) Peterson, C.

ENGL758C (PermReq) **Literary Criticism and Theory: Narrative and Metaphor; Grade Method: REG/AUD.** 3 credits
0101 (21497) W..... 6:30pm- 9:00pm (SCP 3109) Turner, M.

ENGL758D (PermReq) **Literary Criticism and Theory: Psychoanalysis and Literature; Grade Method: REG/AUD.** 3 credits
0101 (21507) Th..... 6:30pm- 9:00pm (SCP 3105) Grossman, M.

ENGL758E (PermReq) **Literary Criticism and Theory: Introduction to Critical Theory; Grade Method: REG/AUD.** 3 credits
0101 (21517) W..... 3:30pm- 6:30pm (SCP 1111) Marchetti, G.

ENGL758A (PermReq) **Seminar in Literature and the Other Arts: Scholars and the Media I; Grade Method: REG/AUD.** 3 credits
0101 (21527) M..... 6:00pm- 9:00pm (SCP 1123) Fuegi, J.

ENGL759B (PermReq) **Seminar in Literature and the Other Arts: Scholars and the Media II; Grade Method: REG/AUD.** 3 credits
0101 (21537) Tu..... 6:00pm- 9:00pm (SCP 2121) Fuegi, J.

ENGL788A (PermReq) **Studies in Fiction: Narrative and the Adaptation of Genres; Grade Method: REG/AUD.** 3 credits
0101 (21547) Th..... 3:30pm- 6:00pm (SCP 1123) Lifton, M.

ENGL775 **Seminar in Composition Theory; Grade Method: REG/AUD.** 3 credits
0101 (21557) M..... 6:30pm- 9:00pm (SCP 3105) Schilb, J.

ENGL778 (PermReq) **Seminar in Folklore: Myth Theory; Grade Method: REG/AUD.** 3 credits
0101 (21567) Tu..... 3:30pm- 6:00pm (SCP 3109) Flieger, V.

ENGL779 (PermReq) **Seminar in Language Study: Rhetorical Traditions and Practices of 19th Century African-Americans; Grade Method: REG/AUD.** 3 credits
0101 (21577) M..... 6:30pm- 9:00pm (SCP 1111) Logan, S.

ENGL788 (PermReq) **Form and Theory of Poetry; Grade Method: REG/AUD.** 3 credits
0101 (21587) Th..... 3:30pm- 6:00pm (SCP 4116) Collier, M.

ENGL789 (PermReq) **Form and Theory in Fiction; Grade Method: REG/AUD.** 3 credits
0101 (21597) Tu..... 6:30pm- 9:00pm (SCP 3105) Norman, H.

ENGL799 **Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** 1-6 credits

ENGL899 **Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number.** 1-8 credits

ENMA Engineering, Materials (Engineering)

ENMA300 **Materials Science and Engineering; Grade Method: REG/P-F/AUD.** *Prerequisite: ENES 220. Credit will be granted for only one of the following: ENMA 300 or ENME 300.* 3 credits
0101 (21810) Time and room to be arranged Wuttig, M.

ENMA301 **Materials Engineering Laboratory; Grade Method: REG.** *Pre- or corequisite: ENMA 300. Credit will be granted for only one of the following: ENMA 301 or ENME 301.* 1 credit
0101 (21820) Time and room to be arranged Wuttig, M.

ENMA463 **Chemical, Liquid and Powder Processing of Engineering Materials; Grade Method: REG/AUD.** *Prerequisite: ENES 230 or permission of both department and instructor.* 3 credits
0101 (21830) MW..... 9:00am-10:50am (EGR 2102) Lloyd, I.

ENMA464 (PermReq) **Environmental Effects on Engineering Materials; Grade Method: REG/P-F/AUD.** *Prerequisite: ENES 230 or permission of both department and instructor.* 3 credits
0101 (21840) TuTh..... 6:00pm- 7:30pm (CHE 2145) Arsenault, R.

ENMA471 **Physical Chemistry of Engineering Materials; Grade Method: REG/P-F/AUD.** 3 credits
0101 (21852) MW..... 2:00pm- 3:15pm (EGR 2107) Ankem, S.

ENMA489A (PermReq) **Selected Topics in Engineering Materials: Design of Composite Materials; Grade Method: REG/AUD.** 3 credits
0101 (21864) MW..... 6:45pm- 8:00pm (ITV 1111) Ankem, S.

ENMA489C (PermReq) **Selected Topics in Engineering Materials: Introduction to Electronic Packaging Materials; Grade Method: REG.** 3 credits
0101 (21874) TuTh..... 3:30pm- 4:45pm (EGR 3108) Christou, A.

ENMA820 (PermReq) **Polymer Physics; Grade Method: REG/AUD.** *Prerequisite: ENMA 470 and ENMA 471 or permission of instructor.* 3 credits
0101 (21884) TuTh..... 5:00pm- 6:15pm (CHE 2116) Briber, R.

ENMA851 (PermReq) **Electronic Structure of Engineering Materials; Grade Method: REG/AUD.** *Prerequisite: ENMA 650.* — 3 credits
0101 (21894) TuTh..... 9:30am-10:45am (CHE 2116) Salamanca-Ribe,

ENMA869 (PermReq) **Special Topics in the Chemical Physics of Materials; Grade Method: REG/AUD.** Prerequisite: ENMA 660. Advanced special students require department permission. — 3 credits
0101 (21904) MW..... 3:30pm- 5:00pm (CHE 2140) Roytburd, A.

ENMA871 (PermReq) **Dislocations in Crystalline Materials; Grade Method: REG/AUD.** *Prerequisite: ENMA 650.* Advanced special students require department permission. — 3 credits
0101 (21914) MW..... 5:00pm- 6:30pm (CHE 2120) Roytburd, A.

ENMA891 **Special Topics in Engineering Materials; Grade Method: REG/AUD.** *Prerequisite: permission of both department and instructor.* — 3 credits
0101 (21924) MW..... 9:00am-10:30am (EGR 2102) Lloyd, I.

ENMA897 **Seminar in Engineering Materials; Grade Method: REG/AUD.** — 1 credit
0101 (21934) M..... 1:30pm- 3:00pm (CHM 2201) Roytburd, A.

ENMA897A **Seminar in Engineering Materials; Grade Method: REG/AUD.** — 1 credit
0101 (21944) Th..... 4:00pm- 6:00pm (CHE 2210) Christou, A.

ENMA898 (PermReq) **Special Problems in Engineering Materials; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number.** — 1-16 credits

ENMA898C (PermReq) **Special Problems in Engineering Materials: Design of Composite Materials; Grade Method: REG/AUD.** — 3 credits
0101 (21965) MW..... 6:45pm- 8:00pm (ITV 1111) Ankem, S.

ENMA898D **Special Problems in Engineering Materials: Polymer Physics; Grade Method: REG/AUD.** — 3 credits
0101 (21975) TuTh..... 5:00pm- 6:15pm (CHE 2136) Briber, R.

ENMA799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENMA899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

ENME Engineering, Mechanical (Engineering)

ENME201 (PermReq) **Mechanical Engineering Project; Grade Method: S-F.** — 1 credit
0101 (22052) M.....12:00pm-12:50pm (EGR 2154) STAFF
Time and room to be arranged Lab
0201 (22053) W.....12:00pm-12:50pm (EGR 2154) STAFF
Time and room to be arranged Lab
0301 (22054) F.....12:00pm-12:50pm (EGR 2154) STAFF
Time and room to be arranged Lab

ENME205 (PermReq) **Numerical Methods in Mechanical Engineering; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 246 and ENES 103. For engineering majors only.* — 3 credits
0101 (22064) MWF..... 9:00am- 9:50am (EGR 1202) STAFF

ENME217 (PermReq) **Thermodynamics; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 262; and MATH 141.* — 3 credits
0101 (22074) MW.....10:00am-10:50am (EGR 1202) STAFF
M..... 1:00pm- 2:50pm (CHE 2145) Dis
0102 (22075) MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....11:00am-12:50pm (EGR 0104) Dis
0103 (22076) MW.....10:00am-10:50am (EGR 1202) STAFF
Tu..... 1:00pm- 2:50pm (EGR 2112) Dis
0104 (22077) MW.....10:00am-10:50am (EGR 1202) STAFF
W..... 1:00pm- 2:50pm (EGR 2112) Dis
0105 (22078) MW.....10:00am-10:50am (EGR 1202) STAFF
Th.....11:00am-12:50pm (EGR 2112) Dis

ENME310 (PermReq) **Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD.** *Prerequisites: ENES 220 and ENME 205. For engineering majors only.* — 3 credits
0101 (22088) MWF..... 9:00am- 9:50am (EGR 1108) STAFF
0301 (22089) MWF.....11:00am-11:50am (EGR 0110) STAFF

ENME311 (PermReq) **Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD.** *Corequisite: ENME 310.* — 1 credit
0101 (22099) W.....12:00pm-12:50pm (CHM 1402) STAFF
M..... 1:00pm- 3:00pm (EGL 0126) Lab
0102 (22100) W.....12:00pm-12:50pm (CHM 1402) STAFF
Tu..... 1:00pm- 3:00pm (EGL 0126) Lab
0103 (22101) W.....12:00pm-12:50pm (CHM 1402) STAFF
W..... 1:00pm- 3:00pm (EGL 0126) Lab
0104 (22102) W.....12:00pm-12:50pm (CHM 1402) STAFF
Th..... 1:00pm- 3:00pm (EGL 0126) Lab
0105 (22103) W.....12:00pm-12:50pm (CHM 1402) STAFF
F..... 1:00pm- 3:00pm (EGL 0126) Lab

ENME315 (PermReq) **Intermediate Thermodynamics; Grade Method: REG/P-F/AUD.** *Prerequisite: ENME 217.* — 3 credits
0101 (22113) MWF..... 9:00am- 9:50am (EGR 2154) STAFF
0301 (22114) MWF.....11:00am-11:50am (EGR 1126) STAFF

ENME320 (PermReq) **Thermodynamics; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 141; and PHYS 262.* — 3 credits
0101 (22124) MWF.....10:00am-10:50am (EGR 0110) STAFF

ENME321 (PermReq) **Transfer Processes; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 205 and ENME 342.* — 3 credits
0101 (22134) TuTh..... 9:30am-10:45am (EGR 2154) STAFF
0201 (22135) MWF.....10:00am-10:50am (EGR 1126) STAFF

ENME342 (PermReq) **Fluid Mechanics I; Grade Method: REG/P-F/AUD.** *Prerequisite: ENME 217.* — 3 credits
0101 (22145) TuTh..... 9:30am-10:45am (EGR 1104) STAFF
0201 (22146) TuTh.....11:00am-12:15pm (EGR 1202) STAFF

ENME343 (PermReq) **Fluid Mechanics Laboratory; Grade Method: REG/P-F/AUD.** *Corequisite: ENME 342.* — 1 credit
0101 (22156) M.....12:00pm-12:50pm (EGR 1202) STAFF
M..... 1:00pm- 3:00pm (EGR 0104) Lab
0102 (22157) M.....12:00pm-12:50pm (EGR 1202) STAFF
Tu..... 1:00pm- 3:00pm (EGR 0104) Lab
0103 (22158) M.....12:00pm-12:50pm (EGR 1202) STAFF
W..... 1:00pm- 3:00pm (EGR 0104) Lab
0104 (22159) M.....12:00pm-12:50pm (EGR 1202) STAFF
Th..... 1:00pm- 3:00pm (EGR 0104) Lab
0105 (22160) M.....12:00pm-12:50pm (EGR 1202) STAFF
F..... 1:00pm- 3:00pm (EGR 0104) Lab
0106 (22161) M.....12:00pm-12:50pm (EGR 1202) STAFF
M..... 3:00pm- 5:00pm (EGR 0102) Lab
0107 (22162) M.....12:00pm-12:50pm (EGR 1202) STAFF
W..... 3:00pm- 5:00pm (EGR 0102) Lab

ENME360 (PermReq) **Mechanical Vibrations; Grade Method: REG/P-F/AUD.** *Prerequisites: ENES 220 and ENES 221 and ENME 205.* — 3 credits
0101 (22172) TuTh..... 9:30am-10:45am (CHM 0119) STAFF
0201 (22173) TuTh.....11:00am-12:15pm (EGR 1104) STAFF

ENME381 (PermReq) **Measurements Laboratory; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 360; and ENEE 300.* — 3 credits
0101 (22183) TuTh.....11:00am-11:50am (CHE 2108) STAFF
M.....12:30pm- 3:30pm (EGL 3109) Lab
0102 (22184) TuTh.....11:00am-11:50am (CHE 2108) STAFF
Tu.....12:30pm- 3:30pm (EGL 3109) Lab
0103 (22185) TuTh.....11:00am-11:50am (CHE 2108) STAFF
W.....12:30pm- 3:30pm (EGL 3109) Lab
0104 (22186) TuTh.....11:00am-11:50am (CHE 2108) STAFF
Th.....12:30pm- 3:30pm (EGL 3109) Lab
0105 (22187) TuTh.....11:00am-11:50am (CHE 2108) STAFF
F.....12:30pm- 3:30pm (EGL 3109) Lab

ENME400 (PermReq) **Machine Design; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 310; and ENME 360. Corequisite: ENME 401.* — 3 credits
0101 (22197) TuTh..... 8:00am- 9:15am (EGR 1126) STAFF

ENME401 (PermReq) **The Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD.** *Corequisite: ENME 310.* — 3 credits
0101 (22207) MWF..... 9:00am- 9:50am (EGR 0110) STAFF
0201 (22208) MWF.....11:00am-11:50am (EGR 1104) STAFF

ENME403 (PermReq) **Automatic Controls; Grade Method: REG/P-F/AUD.** *Prerequisites: ENEE 300; and ENME 360. Senior standing.* — 3 credits
0101 (22218) MWF.....10:00am-10:50am (EGR 1104) STAFF
0201 (22219) MWF.....12:00pm-12:50pm (EGR 1104) STAFF

ENME404 (PermReq) **Mechanical Engineering Systems Design; Grade Method: REG/P-F/AUD. CORE Capstone Course.** *Prerequisite: senior standing in mechanical engineering.* Limited to May graduates. — 3 credits
0101 (22229) TuTh.....11:00am-11:50am (CHE 2110) STAFF
Tu.....12:30pm- 3:30pm (CHE 2110) Lab

ENME405 (PermReq) **Energy Conversion Design; Grade Method: REG/P-F/AUD.** *Prerequisite: senior standing in mechanical engineering.* — 3 credits
0101 (22239) MWF.....12:00pm-12:50pm (EGR 1126) STAFF

ENME408 (PermReq) **Selected Topics in Engineering Design; Grade Method: REG/P-F/AUD.** — 3 credits
0101 (22249) MW..... 3:30pm- 4:45pm (EGR 1120) Holloway, D.

ENME412 (PermReq) **Mechanical Design For Manufacturing and Production; Grade Method: REG/P-F/AUD.** *Prerequisite: senior standing in engineering.* — 3 credits
0101 (22259) TuTh..... 9:30am-10:45am (EGR 1126) STAFF

ENME414 (PermReq) **Computer-Aided Design; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 205; and MATH 241 or equivalent.* Design technical elective. Special permission required from instructor. — 3 credits
0101 (22269) MWF..... 9:00am- 9:50am (EGR 0104) STAFF

ENME422 (PermReq) **Energy Conversion II; Grade Method: REG/P-F/AUD.** *Prerequisite: ENME 315.* — 3 credits
0101 (22279) TuTh..... 9:30am-10:45am (EGR 2112) STAFF

ENME442 (PermReq) **Fluid Mechanics II; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 342 and senior standing.* — 3 credits
0101 (22289) MWF.....11:00am-11:50am (EGR 2154) STAFF

ENME465 (PermReq) **Introductory Fracture Mechanics; Grade Method: REG/P-F/AUD.** *Senior standing in engineering.* — 3 credits
0101 (22299) MWF.....10:00am-10:50am (EGR 2154) STAFF

ENME475 (PermReq) **Robotics; Grade Method: REG/P-F/AUD.** *Prerequisites: ENME 360; and ENEE 300.* — 3 credits
0101 (22309) TuTh..... 3:30pm- 4:45pm (EGR 2112) STAFF

ENME480 (PermReq) **Engineering Experimentation; Grade Method: REG/P-F/AUD.** *Senior standing in mechanical engineering.* — 3 credits
0101 (22319) M..... 1:00pm- 1:50pm (CHE 2110) STAFF
WF..... 1:00pm- 3:30pm (CHE 2110) Lab

ENME488 (PermReq) **Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors.** — 3 credits

ENME489 (PermReq) **Special Topics in Mechanical Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3 credits

ENME489B (PermReq) **Special Topics in Mechanical Engineering: Walking Robot II; Grade Method: REG/P-F/AUD.** Prerequisite: permission of department. — 3 credits
0101 (22462) MW..... 3:30pm- 4:30pm (EGR 3108) STAFF
MW..... 4:30pm- 5:30pm (EGR 3108) Lab

ENME612 **Advanced Packaging; Grade Method: REG/AUD.** *Prerequisite: ENME 473 or permission of instructor.* — 3 credits
0101 (22472) TuTh..... 6:30pm- 7:45pm (EGR 0110) Pecht, M.

ENME616 **Computer-Aided Manufacturing; Grade Method: REG/AUD.** *Prerequisite: ENME 412 or permission of instructor.* — 3 credits
0101 (22482) MW..... 3:30pm- 4:45pm (EGR 1126) Nagrab, E.

ENME621 **Advanced Topics in Control Systems; Grade Method: REG/AUD.** *Prerequisite: ENME 605 or permission of instructor.* — 3 credits
0101 (22492) TuTh..... 5:00pm- 6:15pm (EGR 2154) Minis, I.

ENME625 **Engineering Optimization II; Grade Method: REG/AUD.** *Prerequisite: ENME 610 or permission of instructor.* — 3 credits
0101 (22502) MW..... 5:00pm- 6:15pm (EGR 0102) Azarm, S.

ENME632 **Advanced Convection Heat Transfer; Grade Method: REG/AUD.** *Prerequisites: ENME 315; and ENME 321; and ENME 342, and ENME 343; and ENME 700 or equivalent or permission of instructor.* — 3 credits
0101 (22512) MW..... 6:30pm- 7:45pm (EGR 0104) Herold, K.

ENME635 **Energy Systems Analysis; Grade Method: REG/AUD.** *Prerequisites: ENME 633 or equivalent or permission of instructor.* — 3 credits
0101 (22522) TuTh..... 3:30pm- 4:45pm (EGR 0102) Radermacher, R.

ENME637 **Combustion II; Grade Method: REG/AUD.** *Prerequisites: (ENME 315; and ENME 321; and ENME 342, and ENME 636 or equivalent) or permission of instructor.* — 3 credits
0101 (22532) MW..... 5:00pm- 6:15pm (EGR 0110) STAFF

ENME641 **Viscous Flow; Grade Method: REG/AUD.** *Prerequisite: ENME 640 or equivalent or permission of instructor. Formerly ENME 652.* — 3 credits
0101 (22542) TuTh..... 5:00pm- 6:15pm (EGR 1104) Meraslı, B.

ENME647 **Multiphase Flow and Heat Transfer; Grade Method: REG/AUD.** *Prerequisites: (ENME 321, and ENME 342 or equivalent) or permission of the instructor.* — 3 credits
0101 (22552) MW..... 3:30pm- 4:45pm (EGR 0110) Dimarzo, M.

ENME662 **Linear Vibrations; Grade Method: REG/AUD.** *Prerequisite: ENME 360 or equivalent or permission of instructor.* — 3 credits
0101 (22562) TuTh..... 3:30pm- 4:45pm (EGR 0104) Balachandra, B.

ENME674 **Finite Element Methods; Grade Method: REG/AUD.** — 3 credits
0101 (22572) TuTh..... 5:00pm- 6:15pm (EGR 0104) Dasgupta, A.

ENME680 **Experimental Mechanics; Grade Method: REG/AUD.** *Prerequisite: undergraduate course in instrumentation or equivalent.* — 3 credits
0101 (22582) MW..... 5:00pm- 6:15pm (EGR 0104) Sirkis, J.

ENME684 **Modeling Material Behavior; Grade Method: REG/AUD.** *Prerequisite: ENME 670 or permission of instructor.* — 3 credits
0101 (22592) MW..... 3:30pm- 4:45pm (EGR 0104) Haslach, H.

ENME788X **Seminar; Grade Method: REG/AUD.** — 1-3 credits
0101 (22602) Time and room to be arranged STAFF

ENME799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENME808 (PermReq) **Advanced Topics in Mechanical Engineering; Grade Method: REG/AUD.** — 3 credits
0101 (22682) Time and room to be arranged STAFF

ENME808E **Advanced Topics in Mechanical Engineering: Energy Conversion and the Environment; Grade Method: REG/AUD.** — 2-3 credits
0101 (22692) MW..... 3:30pm- 4:45pm (EGR 2112) Radermacher, R.

ENME899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

ENNU Engineering, Nuclear (Engineering)

ENNU215 (PermReq) **Introduction to Nuclear Technology; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 141, and PHYS 161.* This course is taught in the spring semester only. — 3 credits
0101 (22821) MWF..... 9:00am- 9:50am (CHE 2140) Roush, M.

ENNU310 (PermReq) **Environmental Aspects of Nuclear Engineering; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 241 or MATH 246; and PHYS 263 or permission of both department and instructor.* — 3 credits
0101 (22831) TuTh..... 9:30am-10:45am (CHE 2108) Duffey, D.

ENNU320 (PermReq) **Nuclear Reactor Operation; Grade Method: REG/P-F/AUD.** This course is taught in the spring semester only. — 3 credits
0101 (22841) MW.....11:00am-11:50am (CHE 2136) Chappas, W.
M..... 4:30pm- 6:30pm (CHE 1308) Lab
0103 (22842) MW.....11:00am-11:50am (CHE 2136) Chappas, W.
Th..... 1:00pm- 3:00pm (CHE 1308) Lab
0104 (22843) MW.....11:00am-11:50am (CHE 2136) Chappas, W.
Th..... 4:00pm- 6:00pm (CHE 1308) Lab
0105 (22844) MW.....11:00am-11:50am (CHE 2136) Chappas, W.
F..... 9:00am-11:00am (CHE 1308) Lab

ENNU435 (PermReq) **Activation Analysis; Grade Method: REG/P-F/AUD.** *Prerequisite: ENNU 215 or permission of both department and instructor.* This course is taught in the spring semester only. — 3 credits
0101 (22854) M..... 3:30pm- 5:15pm (CHE 2116) Duffey, D.
W..... 2:15pm- 4:00pm (CHE 2116)

ENNU455 (PermReq) **Nuclear Reactor Engineering II; Grade Method: REG/P-F/AUD.** *Prerequisite: ENNU 450.* This course is taught in the spring semester only. — 3 credits
0101 (22864) TuTh..... 4:45pm- 6:00pm (CHE 2145) Lee, R.

ENNU460 (PermReq) **Nuclear Heat Transport; Grade Method: REG/P-F/AUD.** *Prerequisite: ENNU 450.* This course is taught in the spring semester only. — 3 credits
0101 (22874) TuTh..... 3:00pm- 4:15pm (CHE 2140) Almenas, K.

ENNU465 (PermReq) **Nuclear Reactor Systems Analysis; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 246, and PHYS 263; and ENNU 455 or permission of department.* This course is taught in the spring semester only. — 3 credits
0101 (22884) MW..... 5:15pm- 6:30pm (CHE 2140) Pertmer, G.

ENNU468 (PermReq) **Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 2-3 credits

ENNU468F (PermReq) **Research: Design in Nuclear Engineering; Grade Method: REG/AUD.** — 3 credits
0101 (22903) Time and room to be arranged Pertmer, G.

ENNU490 (PermReq) **Nuclear Fuel and Power Management; Grade Method: REG/P-F/AUD.** *Prerequisites: ENNU 460; and ENNU 480 or permission of both department and instructor.* This course is taught in the spring semester only. — 3 credits
0101 (22913) TuTh.....11:00am-12:15pm (CHE 2116) Graves, H.

ENNU809 **Seminar in Nuclear Engineering; Grade Method: REG/AUD.** — 1 credit
0101 (22923) Tu.....11:00am-11:50am (CHE 2117) Modarres, M.

ENNU830 **Nuclear Reactor Physics I; Grade Method: REG/AUD.** *Prerequisite: ENNU 450 or permission of both department and instructor.* This course is taught in the spring semester only. — 3 credits
0101 (22933) Tu..... 5:15pm- 7:45pm (CHE 2120) Mosleh, A.

ENNU848 **Special Problems in Nuclear Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-16 credits

ENNU848I **Special Problems in Nuclear Engineering: Severe Accident Phenomena; Grade Method: REG/AUD.** — 3 credits
0101 (23002) Th..... 5:30pm- 8:00pm (CHE 2140) Speis, T.

ENNU848Z **Special Problems in Nuclear Engineering: Materials, Reliability and Nuclear Engineering; Grade Method: REG/AUD.** — 1 credit
0101 (23012) Time and room to be arranged Christou, A.

ENNU781 **Nuclear Fuel and Waste Processing; Grade Method: REG/AUD.** — 3 credits
0101 (23022) M..... 6:45pm-10:00pm (CHE 2116) Duffey, D.

ENNU799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENNU899 **Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

ENRE Reliability Engineering (Engineering)

ENRE467 **System Safety Engineering; Grade Method: REG/AUD.** *Prerequisites: MATH 246 and PHYS 263 or permission of department.* Course is offered in the spring semester only. — 3 credits
0101 (23100) Th..... 6:30pm- 9:10pm (ITV 1111) Raheja, B.

ENRE607 **Reliability Engineering Seminar; Grade Method: REG/AUD.** For ENEE, ENME, ENNU, and ENRE majors only until the first day of classes. — 1 credit
0101 (23112) Th..... 5:15pm- 6:15pm (ITV 1111) Weiss, D.

ENRE648 **Special Problems in Reliability Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENRE648A **Special Problems in Reliability Engineering: Ensuring Software Reliability and Integrity; Grade Method: REG/AUD.** — 3 credits
0101 (23128) Tu..... 6:30pm- 9:10pm (EGR 0102) Smidts, C.

ENRE648J **Special Problems in Reliability Engineering: Reliability and Quality in Microcircuit Manufacturing; Grade Method: REG/AUD.** — 3 credits
0101 (23138) Th..... 6:30pm- 9:10pm (EGR 0102) Christou, A.

ENRE663 **Advanced Reliability and Maintainability Engineering; Grade Method: REG/AUD.** *Prerequisite: ENRE 462.* For ENEE, ENME, ENNU, and ENRE majors only until the first day of classes. Course is offered in the spring semester only. — 3 credits
0101 (23148) W..... 6:30pm- 9:10pm (EGR 1110) Lall, P.

ENRE665 **Advanced Methods in Reliability Modeling; Grade Method: REG/AUD.** For ENEE, ENME, ENNU, and ENRE majors only until the first day of classes. Course is offered in the spring semester only. — 3 credits
0101 (23160) M..... 6:30pm- 9:10pm (ITV 1100) Mosleh, A.

ENRE670 **Risk Assessment for Engineers; Grade Method: REG/AUD.** *Prerequisite: ENRE 470.* For ENEE, ENME, ENNU, and ENRE majors only until the first day of classes. Course is offered in the spring semester only. — 3 credits
0101 (23170) Tu..... 6:30pm- 9:10pm (EGR 1102) Modarres, M.

ENRE799 **Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

ENRE899 **Doctoral Dissertation Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.** — 1-8 credits

ENSE Systems Engineering (Engineering)

ENSE622 (PermReq) **System Modeling and Analysis; Grade Method: REG/AUD.** *Prerequisite: ENSE 621 and permission of department. Credit will be granted for only one of the following: ENSE 622 or ENSE 602. Formerly ENSE 602.* — 3 credits
0101 (23241) M..... 6:30pm- 9:10pm (EGR 2112) STAFF

ENSE626 (PermReq) **Systems Life Cycle Cost Estimation; Grade Method: REG.** *Prerequisite: ENSE 625 and permission of department. Credit will be granted for only one of the following: ENSE 626 or ENSE 611. Formerly ENSE 611.* 3 credits
0101 (23252) M..... 7:00pm- 9:40pm (EGR 1124) Hines, V.

ENSE627 (PermReq) **Quality Management in Systems; Grade Method: REG/AUD.** *Prerequisite: ENSE 625 and permission of department. Credit will be granted for only one of the following: ENSE 627 or ENSE 601. Formerly ENSE 601.* 3 credits
0101 (23262) Tu..... 6:30pm- 9:10pm (EGR 3102) STAFF

ENSE799 (PermReq) **Systems Engineering Thesis; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM Entomology (Life Sciences)

ENTM100 **Insects; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** 3 credits
0101 (23336) MWF.....10:00am-10:50am (SYM 0200) Armstrong, E.

ENTM398 **General Colloquium in Entomology; Grade Method: REG/P-F/AUD.** 1 credit
0101 (23346) M..... 4:00pm- 4:50pm (SYM 0200) STAFF

ENTM399 (PermReq) **Special Problems; Grade Method: REG/P-F/AUD.** Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ENTM423 **Insect Comparative Morphology; Grade Method: REG/P-F/AUD.** *Prerequisite: ENTM 205.* 4 credits
0101 (23370) TuTh..... 1:00pm- 4:00pm (SYM 2303) Messersmith, D.

ENTM432 **Insect Physiology; Grade Method: REG/P-F/AUD.** *Prerequisite: ENTM 205, and CHEM 233, and CHEM 243; or permission of department.* 4 credits
0101 (23380) MWF..... 8:00am- 8:50am (SYM 1308) Ma, M.
F.....10:00am-12:00pm (SYM 2300) Lab

ENTM623 **Insect Evolutionary Biology; Grade Method: REG/AUD.** *Prerequisite: ENTM 423 or permission of department.* 3 credits
0101 (23390) MWF..... 9:00am- 9:50am (SYM 1308) Roderick, G.

ENTM652A **Laboratory Methods in Toxicology; Grade Method: REG/AUD.** *Pre- or corequisite: ENTM 653 or MEES 641 or permission of department.* 2 credits
0101 (23400) W..... 1:00pm- 5:00pm (SYM 2300) Nelson, J.

ENTM654 **Advanced Pest Management; Grade Method: REG/AUD.** *Prerequisite: ENTM 454 or equivalent.* Lab will meet in room 3122, Animal and Life Sciences Surge Building. 3 credits
0101 (23410) MF..... 3:00pm- 3:50pm (SYM 1308) Lamp, W.
W..... 3:00pm- 5:00pm (Arranged) Lab

ENTM699 (PermReq) **Advanced Entomology; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM789 **Field Experience in Pest Management; Grade Method: REG/AUD.** 1-6 credits
0101 (23434) Time and room to be arranged Hellman, J.
0201 (23435) Time and room to be arranged Dively, G.

ENTM798A **Topic Seminar: Biosystematics and Morphology; Grade Method: REG/AUD.** 1 credit
0101 (23445) Time and room to be arranged Mitter, C.

ENTM798B **Topic Seminar: Ecology and Behavior; Grade Method: REG/AUD.** 1 credit
0101 (23455) Time and room to be arranged STAFF

ENTM798E **Topic Seminar: Medical and Veterinary Entomology; Grade Method: REG/AUD.** 1 credit
0101 (23465) Time and room to be arranged Scott, T.

ENTM798F **Topic Seminar: Geromic Evolution and its Relation to Phylogenetic Inference; Grade Method: REG/AUD.** 1 credit
0101 (23475) Time and room to be arranged Regier, J.

ENTM798G **Topic Seminar: Population Biology and Genetics of Insects; Grade Method: REG/AUD.** 1 credit
0101 (23485) Time and room to be arranged Roderick, G.

ENTM799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

FDSC Food Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

FDSC386 (PermReq) **Experiential Learning; Grade Method: REG/P-F.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits
0101 (23577) Time and room to be arranged Schlimme, D.

FDSC398 **Seminar; Grade Method: REG.** FDSC majors only. 1 credit
0101 (23587) Tu..... 4:00pm- 4:50pm (ANS 0412) Doerr, J.

FDSC399 (PermReq) **Special Problems in Food Science; Grade Method: REG/P-F/AUD.** Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FDSC412 **Principles of Food Processing I; Grade Method: REG/P-F/AUD.** 3 credits
0101 (23610) MW..... 2:00pm- 2:50pm (HZF 1108) Wiley, R.
W..... 3:00pm- 5:00pm (HZF 0113) Lab

FDSC422 **Food Product Research and Development; Grade Method: REG/P-F/AUD.** *Prerequisite: FDSC 412; and FDSC 413 or permission of department.* Several all day field trips required. 3 credits
0101 (23620) W..... 9:00am- 9:50am (MMH 3108) Schlimme, D.
F..... 9:00am- 1:00pm (MMH 3401) Lab

FDSC430 **Food Microbiology; Grade Method: REG/P-F/AUD.** *Prerequisite: MICB 200 or equivalent.* 2 credits
0101 (23630) Th..... 9:20am-11:00am (ANS 0408) Westhoff, D.

FDSC461 **Technology of Market Eggs and Poultry; Grade Method: REG/P-F/AUD.** 3 credits
0101 (23640) MW.....12:00pm-12:50pm (ANS 0402) Heath, J.
F.....12:00pm- 2:00pm (ANS 1150) Lab

FDSC698 **Colloquium in Food Science; Grade Method: REG.** Majors only. 1 credit
0101 (23650) Tu..... 4:00pm- 4:50pm (ANS 0408) Wiley, R.

FDSC699 (PermReq) **Special Problems in Food Science; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

FDSC799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FDSC899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

FMST Family Studies (Health and Human Performance)

FMST105 **Individuals in Families; Grade Method: REG/P-F/AUD.** *Formerly FMCD 105.* 3 credits
0101 (23750) TuTh.....11:00am-12:15pm (MMH 0108) Randolph, S.

FMST260 **Couple Relationships; Grade Method: REG/P-F/AUD.** *Formerly FMCD 260.* 3 credits
0101 (23760) TuTh.....12:30pm- 1:45pm (TYD 0117) Rubin, R.

FMST302 **Research Methods; Grade Method: REG/P-F/AUD.** *Prerequisite: introductory statistics course. For FMST majors only. Formerly FMCD 302.* 3 credits
0101 (23770) TuTh.....11:00am-12:15pm (MMH 1400) Mokhtari, M.

FMST330 **Family Theories and Patterns; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course.** *Junior standing. Formerly FMCD 330.* 3 credits
0101 (23780) TuTh..... 3:30pm- 4:45pm (MMH 0108) Leslie, L.

FMST332 **Children in Families; Grade Method: REG/P-F/AUD.** *Prerequisite: FMST 105 or PSYC 100. Formerly FMCD 332.* 3 credits
0101 (23790) TuTh..... 9:30am-10:45am (ARM 0112) Millstein, F.

FMST341 **Personal and Family Finance; Grade Method: REG/P-F/AUD.** *Prerequisite: ECON 201 or ECON 205, or permission of department. Credit will be granted for only one of the following: FMCD 441, FMST 341, FMCD 341 or CNEC 410. Formerly FMCD 341.* 3 credits
0101 (23800) TuTh..... 6:00pm- 7:15pm (MMH 1400) Mokhtari, M.

FMST347 (PermReq) **Internship and Analysis; Grade Method: REG.** *Prerequisites: 6 semester hours of internship related course work and permission of department. For FMST majors only. Credit will be granted for only one of the following: FMST 347, FMCD 347 or FMCD 349. Formerly FMCD 347.* 3 credits
0101 (23810) W.....11:00am-12:30pm (MMH 1206) Millstein, F.
Time and room to be arranged Dis

FMST381 **Poverty, Affluence, and Families; Grade Method: REG. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course.** *Prerequisite: FMST 201 or SOCY 100. Formerly FMCD 381.* 3 credits
0101 (23820) TuTh.....12:30pm- 1:45pm (HBK 0109) STAFF

FMST386 (PermReq) **Experiential Learning; Grade Method: REG/P-F.** Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. Formerly FMCD 386.* 3-6 credits

FMST399 (PermReq) **Independent Study; Grade Method: REG/P-F/AUD.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMST399M **Independent Study; Grade Method: REG/P-F/AUD.** 1-6 credits
0101 (23851) Time and room to be arranged Myricks, N.

FMST444 **Family Services and Human Service Organizations; Grade Method: REG/P-F/AUD.** *Prerequisite: FMST 383 or equivalent. Formerly FMCD 444.* Senior standing. 3 credits
0101 (23861) TuTh..... 2:00pm- 3:15pm (MMH 0108) Wallen, J.

FMST452 **Family Policy Analysis; Grade Method: REG/P-F/AUD.** *Prerequisite: FMST 201 or permission of department. Formerly FMCD 452.* 3 credits
0101 (23871) Th..... 3:30pm- 6:10pm (WDS 1131) Anderson, E.

FMST480 **Employment-Based Family Support Programs; Grade Method: REG/P-F/AUD.** *Formerly FMCD 480.* 3 credits
0101 (23891) M..... 2:00pm- 4:45pm (WDS 1130) Wallen, J.

FMST485 **Introduction to Family Therapy; Grade Method: REG.** *Prerequisites: FMST 330 or FMST 370; or one psychology course at 300 or above level. Formerly FMCD 485.* 3 credits
0101 (23901) M.....11:00am- 1:45pm (MMH 1206) Werlinich, C.

FMST487 **Legal Aspects of Family Problems; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** *Formerly FMCD 487.* 3 credits
0101 (23911) Th..... 2:00pm- 4:45pm (MMH 1400) Myricks, N.

FMST497 **The Child and the Law; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** *Formerly FMCD 497.* 3 credits
0101 (23921) Tu..... 2:00pm- 4:45pm (MMH 1400) Myricks, N.

FMST498F **Special Topics: The African American Family; Grade Method: REG/P-F/AUD.** 3 credits
0101 (23931) Tu..... 5:00pm- 7:45pm (MMH 1206) Billingsley, A.

FMST804 **Research Methods I; Grade Method: REG/AUD.** *Formerly FMCD 604.* 3 credits
0101 (23941) Th..... 2:00pm- 4:45pm (MMH 1206) Gaylin, N.

FMST810 (PermReq) **Research Methods II; Grade Method: REG/AUD.** *Prerequisite: EDMS 645 or equivalent. Recommended: FMST 604. Formerly FMCD 610.* 3 credits
0101 (23951) Tu..... 2:00pm- 4:45pm (MMH 1206) Koblinsky, S.

FMST830 **Theory and Research in Human Sexuality; Grade Method: REG/AUD.** *Prerequisite: a basic course in human sexuality or permission of instructor. Formerly FMCD 630.* 3 credits
0101 (23961) W.....11:00am- 1:45pm (MMH 1200) Rubin, R.

FMST841 (PermReq) **The Dynamics of Couple Therapy; Grade Method: REG/AUD.** *Prerequisite: FMST 640. Formerly FMCD 641.* 3 credits
0101 (23971) Th..... 9:00am-11:45am (MMH 1312) Epstein, N.

FMST851 (PermReq) **Theory, Methods and Consultation in Marriage and Family Therapy II; Grade Method: REG/AUD.** *Prerequisite: FMST 650. Limited to students admitted to the family therapy program. Formerly FMCD 651.* 6 credits
0101 (23981) Tu..... 9:00am-11:45am (MMH 1312) Epstein, N.
Time and room to be arranged Lab

FMST853 (PermReq) **Theory, Methods, and Consultation in Marriage and Family Therapy IV; Grade Method: REG/AUD.** *Prerequisite: FMST 652. Limited to students admitted to the family therapy program. Formerly FMCD 653.* 6 credits
0101 (23991) Tu..... 9:30am-11:45am (MMH 1206) Gaylin, N.
Time and room to be arranged Lab

FMST898 (PermReq) **Advanced Topics in Family and Community Development; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-3 credits

FMST898F **Advanced Topics in Family and Community Development: The African American Family; Grade Method: REG/AUD.** 3 credits
0101 (24012) Tu..... 5:00pm- 7:45pm (MMH 1206) Billingsley, A.

FMST899 (PermReq) **Independent Study; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMST899S (PermReq) **Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD.** 1-6 credits
0101 (24033) Time and room to be arranged Gaylin, N.

FMST745 **Gender and Ethnicity Issues in Family Service Delivery; Grade Method: REG/AUD.** *Formerly FMCD 745.* 3 credits
0101 (24043) Th..... 9:00am-11:45am (MMH 1206) Leslie, L.

FMST799 **Master's Thesis Research; Grade Method: REG.** (PermReq) Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-6 credits

FOLA Foreign Language (Arts and Humanities)

FOLA109G **Elementary Foreign Languages II: Modern Greek; Grade Method: REG/P-F/AUD.** 3 credits
0101 (24114) MWF.....12:00pm-12:50pm (JMZ 0103) Pittas-Herschba

FOLA119G **Intermediate Foreign Language II: Intermediate Modern Greek; Grade Method: REG/P-F/AUD.** 3 credits
0101 (24124) MWF..... 2:00pm- 2:50pm (JMZ 0103) Pittas-Herschba

SELF-INSTRUCTIONAL LANGUAGE PROGRAM. The program is essentially self-instructional. The student supplies a blank tape and in return receives a recorded tape with the week's lessons. There is also a manual designed for self-instruction which the student is required to purchase. A native-speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 1105. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside JMZ 1105.

FOLA138A (PermReq) **Directed Study of a Foreign Language I: Hungarian I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24134) Time and room to be arranged Lab Yaramanoglu, N.

FOLA138D (PermReq) **Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24144) Time and room to be arranged Lab Yaramanoglu, N.

FOLA138E (PermReq) **Directed Study of a Foreign Language I: Elementary Tagalog I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24154) Time and room to be arranged Lab Yaramanoglu, N.

FOLA138F (PermReq) **Directed Study of a Foreign Language I: Polish I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24164) Time and room to be arranged Lab Yaramanoglu, N.

FOLA138K (PermReq) **Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24174) Time and room to be arranged Yaramanoglu, N.

FOLA138P (PermReq) **Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24184) Time and room to be arranged Lab Yaramanoglu, N.

FOLA138R (PermReq) **Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24194) Time and room to be arranged Yaramanoglu, N.
Time and room to be arranged

FOLA138S (PermReq) **Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24204) Time and room to be arranged Yaramanoglu, N.

FOLA138V (PermReq) **Directed Study of a Foreign Language I: Armenian I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24214) Time and room to be arranged Lab Yaramanoglu, N.

FOLA139A (PermReq) **Directed Study of a Foreign Language II: Hungarian II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits
0101 (24224) Time and room to be arranged Lab Yaramanoglu, N.

FOLA139D (PermReq) **Directed Study of a Foreign Language II: Dutch II; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138D or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details 3 credits

posted outside JMZ 1105. Read note above describing Self-Instructional Program.

0101 (24234) Time and room to be arranged Lab Yaramanoglu, N.

FOLA139E (PermReq) **Directed Study of a Foreign Language II: Tagalog II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24244) Time and room to be arranged Lab Yaramanoglu, N.

FOLA139F (PermReq) **Directed Study of a Foreign Language II: Polish II; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138F or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24254) Time and room to be arranged Lab Yaramanoglu, N.

FOLA139K (PermReq) **Directed Study of a Foreign Language II: Persian II; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138K or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24264) Time and room to be arranged Lab Yaramanoglu, N.

FOLA139P (PermReq) **Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138P or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24274) Time and room to be arranged Lab Yaramanoglu, N.

FOLA139R (PermReq) **Directed Study of a Foreign Language II: Turkish II; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138R or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24284) Time and room to be arranged Yaramanoglu, N.

FOLA139S (PermReq) **Directed Study of a Foreign Language II: Egyptian Arabic II; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24294) Time and room to be arranged Lab Yaramanoglu, N.

FOLA139V (PermReq) **Directed Study of a Foreign Language II: Armenian II; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24304) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148A (PermReq) **Directed Study of a Foreign Language III: Hungarian III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24314) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148D (PermReq) **Directed Study of a Foreign Language III: Dutch III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138D or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24334) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148F (PermReq) **Directed Study of a Foreign Language III: Polish III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138F or permission of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24344) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148K (PermReq) **Directed Study of a Foreign Language III: Persian III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138K or permission of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24354) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148P (PermReq) **Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 139P or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24364) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148A (PermReq) **Directed Study of a Foreign Language IV: Hungarian IV; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 148A or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24374) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148C (PermReq) **Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24384) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148D (PermReq) **Directed Study of a Foreign Language IV: Dutch IV; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 148D or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24394) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148F (PermReq) **Directed Study of a Foreign Language IV: Polish IV; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 148F or consent of program director. All students planning to take this course must complete application (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24404) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148K (PermReq) **Directed Study of a Foreign Language IV: Persian IV; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 148K or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24414) Time and room to be arranged Lab Yaramanoglu, N.

FOLA148P (PermReq) **Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 148P or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24424) Time and room to be arranged Lab Yaramanoglu, N.

FOLA149Q (PermReq) **Directed Study of a Foreign Language IV: Norwegian IV; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 148Q or consent of director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24434) Time and room to be arranged Lab Yaramanoglu, N.

FOLA149R (PermReq) **Directed Study of a Foreign Language IV: Turkish IV; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24444) Time and room to be arranged Yaramanoglu, N.

FOLA148S (PermReq) **Directed Study of a Foreign Language IV: Egyptian Arabic IV Intermediate; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 3 credits

0101 (24454) Time and room to be arranged Lab Yaramanoglu, N.

FOLA158A (PermReq) **Directed Study of a Foreign Language (Intensive) I; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24464) Time and room to be arranged Lab Yaramanoglu, N.

FOLA158D (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Dutch; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24484) Time and room to be arranged Lab Yaramanoglu, N.

FOLA158E (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Tagalog; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24494) Time and room to be arranged Lab Yaramanoglu, N.

FOLA158F (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Polish; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24504) Time and room to be arranged Lab Yaramanoglu, N.

FOLA158K (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Persian; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24514) Time and room to be arranged Yaramanoglu, N.

FOLA158P (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Hindi; Grade Method: REG/P-F/AUD.** Students may register for FOLA 158P or 158X, not both. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24524) Time and room to be arranged Lab Yaramanoglu, N.

FOLA158R (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Turkish; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24534) Time and room to be arranged Lab Yaramanoglu, N.

FOLA158S (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Egyptian Arabic; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (avilable in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24544) Time and room to be arranged Yaramanoglu, N.

FOLA158X (PermReq) **Directed Study of a Foreign Language (Intensive) I: Elementary Urdu; Grade Method: REG/P-F/AUD.** Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24554) Time and room to be arranged Lab Yaramanoglu, N.

FOLA159C (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Greek; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24564) Time and room to be arranged Lab Yaramanoglu, N.

FOLA159F (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Polish; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24574) Time and room to be arranged Lab Yaramanoglu, N.

FOLA159K (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Persian; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24584) Time and room to be arranged Lab Yaramanoglu, N.

FOLA159P (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24594) Time and room to be arranged Lab Yaramanoglu, N.

FOLA159R (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Turkish; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24604) Time and room to be arranged Yaramanoglu, N.

FOLA159S (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Egyptian Arabic; Grade Method: REG/P-F/AUD.** All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24614) Time and room to be arranged Yaramanoglu, N.

FOLA159X (PermReq) **Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD.** Prerequisite: FOLA 158X or 158P or consent of program director. All students planning to take this course must complete an application (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program. 6 credits

0101 (24624) Time and room to be arranged Lab Yaramanoglu, N.

FOLA386 (PermReq) **Experiential Learning; Grade Method: REG/P-F.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

0101 (24634) Time and room to be arranged Yaramanoglu, N.

FOOD Food (Agriculture)

FOOD250 (PermReq) **Science of Food II; Grade Method: REG/P-F/AUD.** *Prerequisite: FOOD 240.* 3 credits

0101 (24684) TuTh.....12:00pm-12:50pm (MMH 3418) Curtis, S.
W..... 2:00pm- 5:00pm (MMH 3401) Lab

0102 (24685) TuTh.....12:00pm-12:50pm (MMH 3418) Curtis, S.
Th..... 2:00pm- 5:00pm (MMH 3401) Lab

FOOD670 (PermReq) **Food-Related Behavior of the Individual; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits

0101 (24695) MW..... 4:00pm- 5:15pm (MMH 0108) Castonguay, T.

FREN French (Arts and Humanities)

Please note: a booklet fully describing

courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building.

FREN101 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Not open to students with 2 or more years of high-school level French.* Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. — 4 credits

0101 (24745) MWThF..... 8:00am- 8:50am (JMZ 0103) STAFF
Tu..... 8:00am- 8:50am (JMZ 1220) Lab
0201 (24746) MWThF..... 9:00am- 9:50am (JMZ 0103) STAFF
Tu..... 9:00am- 9:50am (JMZ 1220) Lab
0301 (24747) Th.....11:00am-11:50am (JMZ 1117) STAFF
MWF.....11:00am-11:50am (JMZ 0125)
Tu.....11:00am-11:50am (JMZ 1220) Lab
0401 (24748) MWF..... 1:00pm- 1:50pm (JMZ 0118) STAFF
Th..... 1:00pm- 1:50pm (JMZ 0125)
Tu..... 1:00pm- 1:50pm (JMZ 1220) Lab

FREN102 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: FREN 101 at UMCP or permission of department.* — 4 credits

0101 (24758) MTuWF..... 9:00am- 9:50am (JMZ 0118) STAFF
Th..... 9:00am- 9:50am (JMZ 1220) Lab
0201 (24759) MTuWF.....10:00am-10:50am (JMZ 0118) STAFF
Th.....10:00am-10:50am (JMZ 1220) Lab
0301 (24760) MTuWF.....11:00am-11:50am (JMZ 2120) STAFF
Th.....11:00am-11:50am (JMZ 1220) Lab

FREN103 Review of Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101/ FREN 102 or FREN 103.* — 4 credits

0101 (24770) MWThF..... 8:00am- 8:50am (JMZ 0122) STAFF
0201 (24771) MWF..... 9:00am- 9:50am (JMZ 2120) STAFF
Th..... 9:00am- 9:50am (JMZ 2207)
0301 (24772) MWThF.....11:00am-11:50am (JMZ 0122) STAFF
0401 (24773) MWThF..... 1:00pm- 1:50pm (JMZ 0122) STAFF

FREN202 (PermReq) Honors Intermediate French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. *Prerequisite: permission of department. Credit will be granted for only one of the following: FREN 202 or FREN 203.* — 4 credits

0101 (24783) TuTh..... 2:00pm- 4:00pm (JMZ 3118) Jacoby, B.

FREN203 Intermediate French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. — 4 credits

0101 (24793) TuTh.....12:00pm- 2:00pm (JMZ 1215) STAFF
0201 (24794) MTuWF..... 9:00am- 9:50am (JMZ 0122) STAFF
0301 (24795) MTuWF.....10:00am-10:50am (JMZ 2120) STAFF
0401 (24796) MTuWF.....11:00am-11:50am (JMZ 0118) STAFF
0501 (24797) TuTh..... 2:00pm- 4:00pm (JMZ 0125) STAFF
0601 (24798) MTuWF.....12:00pm-12:50pm (JMZ 2120) STAFF
0701 (24799) MWF..... 1:00pm- 1:50pm (JMZ 0125) STAFF
Tu..... 1:00pm- 1:50pm (JMZ 0125)

FREN204 Review Grammar and Composition; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 203 or permission of department.* — 3 credits

0101 (24809) MWF..... 9:00am- 9:50am (JMZ 2123) STAFF
0201 (24810) TuTh..... 9:30am-10:45am (JMZ 2122) STAFF

FREN211 Intermediate Conversation; Grade Method: REG/P-F/AUD. *Not open to native speakers. Prerequisite: FREN 203 or permission of department.* — 3 credits

0101 (24821) TuTh.....12:30pm- 1:45pm (JMZ 2122) STAFF
0201 (24822) MWF.....11:00am-11:50am (JMZ 2122) STAFF
0301 (24823) TuTh..... 9:30am-10:45am (JMZ 0125) STAFF

FREN240 Masterworks of French Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. — 3 credits

0101 (24833) MWF.....10:00am-10:50am (JMZ 1120) STAFF
0201 (24834) MWF.....10:00am-10:50am (JMZ 0125) STAFF

FREN242 Black Writers of French Expression in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. — 3 credits

0101 (24844) TuTh..... 9:30am-10:45am (JMZ 3118) STAFF

FREN250 Readings in French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 203 or equivalent.* — 3 credits

0101 (24854) MWF.....12:00pm-12:50pm (JMZ 2123) STAFF
0201 (24855) TuTh.....12:30pm- 1:45pm (JMZ 3120) Brami, J.

FREN250H Readings in French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 203 or equivalent.* Honors. — 3 credits

0101 (24865) MWF.....12:00pm-12:50pm (JMZ 2123) STAFF
0201 (24866) TuTh.....12:30pm- 1:45pm (JMZ 3120) Brami, J.

FREN301 Composition and Style; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 204 or permission of department.* — 3 credits

0101 (24876) MWF.....10:00am-10:50am (JMZ 3120) Barrabini, M.

FREN303 (PermReq) Practicum in Translation; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 302 or permission of department.* — 3 credits

0101 (24887) TuTh.....12:30pm- 1:45pm (JMZ 2125) STAFF

FREN311 Advanced Comprehension and Expression in French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: FREN 204 or permission of department.* — 3 credits

0101 (24898) TuTh.....11:00am-12:15pm (JMZ 2125) STAFF

FREN312 Introduction to French Civilization: The French Press; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: FREN 211 or permission of department.* — 3 credits

0101 (24909) MWF.....11:00am-11:50am (JMZ 3118) Barrabini, M.

FREN351 French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 204 or FREN 250 or permission of department.* — 3 credits

0101 (24919) MWF.....11:00am-11:50am (JMZ 3120) Mossman, C.

FREN351H French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 204 or FREN 250 or permission of department.* Honors. — 3 credits

0101 (24929) MWF.....11:00am-11:50am (JMZ 3120) Mossman, C.

FREN352 French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 204 or FREN 250 or permission of department.* — 3 credits

0101 (24939) TuTh..... 9:30am-10:45am (JMZ 3120) Brami, J.

FREN352H French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: FREN 204 or FREN 250 or permission of department.* Honors. — 3 credits

0101 (24949) TuTh..... 9:30am-10:45am (JMZ 3120) Brami, J.

FREN370 Aspects of French Civilization; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Credit may not be counted toward a French major.* — 3 credits

0101 (24959) TuTh..... 2:00pm- 3:15pm (JMZ 2122) Hinshaw, J.

FREN398 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

FREN398 (PermReq) Practicum in Spoken French; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chair. — 1 credit

FREN399 (PermReq) Directed Study in French; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with permission of instructor. Contact department for details. — 1-3 credits

FREN400 Applied Linguistics; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25018) MWF.....10:00am-10:50am (JMZ 3118) Kinginger, C.

FREN404 Advanced Conversation in French; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 311 or FREN 312 or permission of department.* — 3 credits

0101 (25029) MW..... 2:00pm- 3:15pm (JMZ 3118) Barrabini, M.

FREN405 Explication De Texte; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25039) MW.....12:00pm- 1:15pm (HBK 1112) Fink, B.

FREN406 (PermReq) Commercial French II; Grade Method: REG/P-F/AUD. *Prerequisite: FREN 306 or permission of department.* — 3 credits

0101 (25049) TuTh..... 9:30am-11:00am (EGR 1102) Hinshaw, J.

FREN439 Studies in 17th Century French Literature: Theatre; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25059) TuTh.....11:00am-12:15pm (JMZ 3120) MacBain, W.

FREN469 Studies in 20th Century French Literature; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25069) MWF.....11:00am-11:50am (JMZ 2125) Tarica, R.

FREN478A Themes and Movements of French Literature in Translation: Femmes Fatales and Violence in Literature, Opera, and Film; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. — 3 credits

0101 (25079) MWF..... 1:00pm- 1:50pm (JMZ 3120) Mossman, C.

FREN478D Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

0101 (25089) TuTh..... 9:30am-10:45am (JMZ 2123) MacBain, W.

FREN495H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Open only to students admitted to the departmental honors program.* — 3 credits

FREN499 Special Topics in French Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN801 The History of the French Language; Grade Method: REG/AUD. — 3 credits

0101 (25132) Th..... 2:00pm- 4:30pm (JMZ 3120) STAFF

FREN649 Special Topic in Eighteenth Century French Literature: Voltaire and Rousseau; Grade Method: REG/AUD. — 3 credits

0101 (25142) M..... 2:00pm- 4:30pm (JMZ 3120) Fink, B.

FREN669 Special Topics in Twentieth Century French Literature: Modern French Poetry; Grade Method: REG/AUD. — 3 credits

0101 (25152) Tu..... 2:00pm- 4:30pm (JMZ 3120) Brami, J.

FREN699 Seminar: Explication De Texte; Grade Method: REG/AUD. — 3 credits

0101 (25162) MW.....12:00pm- 1:15pm (HBK 1112) Fink, B.

FREN699K Seminar; Grade Method: REG/AUD. — 3 credits

0101 (25172) W..... 2:00pm- 4:30pm (JMZ 3120) Kinginger, C.

FREN798 (PermReq) Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FREN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FREN818 French Literary Criticism; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

FSAD Foodservice Administration (Agriculture)

FSAD350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD. *Prerequisite: FOOD 250. Pre- or corequisites: FSAD 300; and MICB 200.* — 5 credits

0101 (25311) WF..... 9:30am-10:45am (MMH 3418) Norton, V.
Tu..... 6:00am- 1:00pm (MMH 3108) Lab
0102 (25312) WF..... 9:30am-10:45am (MMH 3418) Norton, V.
Th..... 8:00am- 1:00pm (MMH 3108) Lab

FSAD440 Foodservice Personnel Administration; Grade Method: REG/P-F/AUD. *Prerequisite: FSAD 350. Offered spring semesters only.* — 2 credits

0101 (25322) TuTh..... 1:00pm- 1:50pm (MMH 3418) Norton, V.

FSAD480 (PermReq) Practicum in Foodservice Administration; Grade Method: S-F. *Prerequisites: FSAD 350 and permission of department.* — 3 credits

0101 (25332) F..... 2:00pm- 5:00pm (MMH 3418) Norton, V.

FSAD490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: senior standing, five hours in FSAD courses and permission of department.* — 2-3 credits

FSAD498 (PermReq) Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FSAD498C (PermReq) Selected Topics: Conference Center Foodservice; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25344) Time and room to be arranged Norton, V.

FSAD498F (PermReq) Selected Topics: Conference Center Management; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25354) Time and room to be arranged Norton, V.

FSAD798 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG Geography (Behavioral and Social Sciences)

GEOG110 The World Today: A Regional Geography; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

01=1 (25414) MWF..... 9:00am- 9:50am (LEF 1220) Leatherman, S.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

GEOG123 Causes and Implications of Global Change; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. *Also offered as BOTN 123, GEOL 123, and METO 123. Credit will be granted for only one of the following: BOTN 123, GEOG 123, GEOL 123, or METO 123.* — 3 credits

0101 (25424) MWF..... 2:00pm- 2:50pm (HJP 2242) Dubayah, R.

GEOG130 Developing Countries; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits

0101 (25434) TuTh..... 9:30am-10:45am (LEF 1221) Geores, M.

GEOG140 Coastal Environments; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (25444) TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S.
Tu..... 2:00pm- 2:50pm (ARM 0112) Dis
0102 (25445) TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S.
W..... 2:00pm- 2:50pm (LEF 2166) Dis
0103 (25446) TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S.
Th..... 2:00pm- 2:50pm (ARM 0112) Dis
0104 (25447) TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S.
F..... 2:00pm- 2:50pm (LEF 2166) Dis
0105 (25448) TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S.
Tu..... 3:00pm- 3:50pm (ARC 1105) Dis
0106 (25449) TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S.
W..... 3:00pm- 3:50pm (LEF 2166) Dis
0107 (25450) TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S.
W..... 4:00pm- 4:50pm (TYD 0101) Dis
0108 (25451) TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S.
F..... 3:00pm- 3:50pm (LEF 1201) Dis

GEOG170 Maps and Map Use; Grade Method: REG/P-F/AUD. USP Area B Distributive Studies Non-lab Science and Mathematics Course. If taken with GEOG 171, course may be counted as USP Area B Lab Science Course. — 3 credits

0101 (25461) Tu..... 4:00pm- 6:30pm (LEF 2205) STAFF

GEOG171 Maps and Map Use Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: GEOG 170.* — 1 credit

0101 (25471) Tu..... 2:00pm- 4:00pm (LEF 1138) Lab STAFF
0201 (25472) W..... 4:00pm- 6:00pm (LEF 1138) Lab STAFF
0301 (25473) M.....10:00am-12:00pm (LEF 1138) Lab STAFF

GEOG201 Geography of Environmental Systems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with GEOG 211, course may be counted as USP Area B Lab Science Course. — 3 credits

0101 (25483) TuTh.....11:00am-12:15pm (JMZ 0220) Prince, S.

GEOG202 The World in Cultural Perspective; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (25493) TuTh..... 2:00pm- 2:50pm (LEF 2205) Christian, C.
Tu.....12:30pm- 1:20pm (TYD 2102) Dis
0102 (25494) TuTh..... 2:00pm- 2:50pm (LEF 2205) Christian, C.
W..... 1:00pm- 1:50pm (LEF 1222) Dis
0103 (25495) TuTh..... 2:00pm- 2:50pm (LEF 2205) Christian, C.
Th.....12:30pm- 1:20pm (TYD 2102) Dis
0104 (25496) TuTh..... 2:00pm- 2:50pm (LEF 2205) Christian, C.
F.....11:00am-11:50am (LEF 1220) Dis

GEOG211 Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: GEOG 201 or GEOL 100 or GEOL 120.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 201. One two-hour lab per week. — 1 credit

0101 (25506) Tu..... 4:00pm- 6:00pm (LEF 1138) Lab Prince, S.
0201 (25507) F..... 9:00am-11:00am (LEF 1138) Lab Prince, S.
0301 (25508) F..... 2:00pm- 4:00pm (LEF 1138) Lab Prince, S.
0401 (25509) W..... 9:00am-11:00am (LEF 1138) Lab Prince, S.

GEOG305 Quantitative Methods in Geography; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25519) MW..... 9:00am-10:15am (LEF 1221) Boberg, J.

GEOG310 Research and Writing in Geography; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 305.* — 3 credits

0101 (25529) W..... 1:00pm- 3:30pm (LEF 1179) Kearney, M.

GEOG320 The United States and Canada; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25539) MWF.....11:00am-11:50am (LEF 1221) Goward, S.

GEOG326 Africa; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (25549) TuTh..... 2:00pm- 3:15pm (LEF 2166) Hanan, N.

GEOG340 Geomorphology; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25559) TuTh.....11:00am-12:15pm (LEF 2166) Kearney, M.

GEOG350 The American City: Past and Present; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25569) M..... 3:30pm- 6:00pm (LEF 1179) Thompson, D.

GEOG384 (PermReq) Internship in Geography; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 305, and GEOG 310; and permission of department. Corequisite: GEOG 385.* — 3 credits

0101 (25579) Time and room to be arranged Cirrincione, J.

GEOG385 (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 305, and GEOG 310; and permission of department. Corequisite: GEOG 384.* — 3 credits

0101 (25589) Time and room to be arranged Cirrincione, J.

GEOG398 Honors Research; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25599) Time and room to be arranged Townshend, J.

GEOG399 Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 398. — 3 credits

0101 (25609) Time and room to be arranged Townshend, J.

GEOG410 Colonial North America; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25619) TuTh..... 2:00pm- 3:15pm (LEF 1221) Mitchell, R.

GEOG422 Population Geography; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25629) TuTh.....12:30pm- 1:45pm (LEF 1221) Geores, M.

GEOG446 Applied Climatology; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 345 or permission of department.* — 3 credits

0101 (25639) TuTh..... 9:30am-10:45am (LEF 1222) Dubayah, R.

GEOG450 The Contemporary City; Grade Method: REG/P-F/AUD. — 3 credits

0101 (25649) TuTh..... 9:30am-10:45am (LEF 1220) Christian, C.

GEOG464 Energy Resources and Planning; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

0101 (25659) MW..... 1:00pm- 2:15pm (LEF 1221) Boberg, J.

GEOG471 Cartographic Production; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 370.* — 3 credits

0101 (25669) M..... 7:00pm- 9:30pm (LEF 1138) STAFF
Time and room to be arranged Lab

GEOG480 Advanced Remote Sensing; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. *Prerequisite: GEOG 372 or introductory remote sensing course in another department.* — 3 credits

0101 (25679) M..... 4:30pm- 7:00pm (LEF 1222) Goward, S.

GEOG481 Advanced Computer Mapping; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 373 or permission of department.* — 3 credits

0101 (25689) Th..... 7:00pm- 9:30pm (LEF 1179) STAFF

GEOG482 (PermReq) Geographic Information Systems; Grade Method: REG/P-F/AUD. *Prerequisite: GEOG 373 or permission of department.* — 3 credits

0101 (25699) Tu..... 4:00pm- 6:00pm (LEF 2208) Thompson, D.
W..... 4:00pm- 6:00pm (LEF 1124) Lab
0102 (25700) Tu..... 4:00pm- 6:00pm (LEF 2208) Thompson, D.

Th..... 5:00pm- 7:00pm (LEF 1124) Lab

GEOG498 (PermReq) — Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to advanced undergraduate students with credit for at least 24 hours in geography and to graduate students. Any exceptions should have approval of department. Repeatable to 6 credits if content differs. — 1-3 credits

GEOG610 (PermReq) — Research Tutorial; Grade Method: REG/AUD. *Prerequisite: GEOG 600; and permission of department.* — 3 credits

0101 (25750) M..... 1:00pm- 3:30pm (LEF 1179) Townshend, J.

GEOG658A — Seminar in Historical Geography: Studying Past Places; Grade Method: REG/AUD. — 3 credits

0101 (25771) Tu..... 5:00pm- 7:30pm (LEF 1179) Mitchell, R.

GEOG788 (PermReq) — Selected Topics in Geography; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs. — 1-3 credits

GEOG788A — Selected Topics in Geography: Proseminar in Human Geography; Grade Method: REG/AUD. — 3 credits

0101 (25810) M..... 4:00pm- 6:30pm (LEF 1179) Brodsky, H.

GEOG788P — Selected Topics in Geography: Physical Geography Seminar; Grade Method: REG/AUD. — 3 credits

0101 (25820) M..... 6:30pm- 9:00pm (LEF 1179) STAFF

GEOG788R — Selected Topics in Geography: Seminar in Biophysical Remote Sensing; Grade Method: REG/AUD. Prerequisite: GEOG 480 or equivalent. — 3 credits

0101 (25830) Tu..... 1:30pm- 4:00pm (LEF 1179) Prince, S.

GEOG789 (PermReq) — Independent Readings; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs. — 1-3 credits

GEOG790 — Internship in Geography; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GEOG799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

GEOL Geology (Computer, Mathematical and Physical Sciences)

GEOL100 — Physical Geology; Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: GEOL 100 or GEOL 101.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with GEOL 110, course can be counted as USP Area B Lab Science Course. — 3 credits

0101 (25961) MWF..... 9:00am- 9:50am (HJP 0226) Stifel, P.
0201 (25962) TuTh.....12:30pm- 1:45pm (PHY 1412) Ridky, R.

GEOL102 — Historical Geology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: GEOL 100 or GEOL 101.* — 4 credits

0101 (25972) MWF..... 1:00pm- 1:50pm (ZOP 2283) Stifel, P.
W..... 2:00pm- 5:00pm (GEO 2107) Lab

GEOL103 — Water, Earth, and Humans; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. — 4 credits

01*1 (25982) TuTh..... 9:30am-10:45am (CHM 0124) STAFF
Th.....12:30pm- 3:30pm (GEO 2106) Lab
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

GEOL104 — Dinosaurs: A Natural History; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. — 3 credits

01*1 (25992) MWF.....10:00am-10:50am (GEO 1120) STAFF
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

GEOL110 — Physical Geology Laboratory; Grade Method: REG/P-F. *Pre- or corequisite: GEOL 100 or GEOL 101.* CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100. — 1 credit

0101 (26002) W..... 2:00pm- 5:00pm (GEO 2106) Lab STAFF
0201 (26003) M..... 1:00pm- 4:00pm (GEO 2106) Lab STAFF
0301 (26004) Tu..... 9:00am-12:00pm (GEO 2106) Lab STAFF
0401 (26005) Tu..... 1:00pm- 4:00pm (GEO 2106) Lab STAFF
0501 (26006) Th..... 9:00am-12:00pm (GEO 2106) Lab STAFF
0601 (26007) Th..... 4:00pm- 7:00pm (GEO 2106) Lab STAFF
0701 (26008) W..... 9:00am-12:00pm (GEO 2106) Lab STAFF

GEOL120 — Environmental Geology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. — 3 credits

0101 (26018) TuTh.....12:30pm- 1:45pm (SCP 1120) Segovia, A.
0201 (26019) TuTh..... 2:00pm- 3:15pm (SCP 1120) Segovia, A.
0301 (26020) TuTh..... 3:30pm- 4:45pm (SCP 1119) Segovia, A.

GEOL123 — Causes and Implications of Global Change; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. *Also offered as BOTN 123, GEOG 123, and METO 123. Credit will be granted for only one of the following: BOTN 123, GEOG 123, GEOL 123, or METO 123.* — 3 credits

0101 (26030) MWF..... 2:00pm- 2:50pm (HJP 2242) McLellan, E.

GEOL210 — Gems and Gemstones; Grade Method: REG/P-F/AUD. — 3 credits

0101 (26040) TuTh.....10:30am-11:45am (GEO 1120) Chang, L.

GEOL301 — Evolution in Geology; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: a college-level physical or biological science course with laboratory.* — 3 credits

0101 (26050) MW.....10:00am-11:00am (HBK 0109) Candela, P.
F.....10:00am-11:00am (HBK 0109) Dis
0102 (26051) MW.....10:00am-11:00am (HBK 0109) Candela, P.
M.....11:00am-12:00pm (HBK 0103) Dis

GEOL342 — Sedimentation and Stratigraphy; Grade Method: REG/P-F. *Prerequisite: GEOL 322 or permission of department.* — 4 credits

0101 (26061) TuTh..... 1:30pm- 2:45pm (HBK 1116) Prestegaard, K.
M..... 1:00pm- 4:00pm (GEO 2117) Lab

GEOL383 — Technical Writing for Geoscientists; Grade Method: REG. *Prerequisites: ENGL 101 and completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331 and GEOL 322. For GEOL majors only.* — 3 credits

0101 (26071) M..... 3:00pm- 6:00pm (GEO 1120) Stifel, P.
W..... 3:00pm- 6:00pm (GEO 1120)

GEOL383H — Technical Writing for Geoscientists; Grade Method: REG. *Prerequisites: ENGL 101 and completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331 and GEOL 322. For GEOL majors only.* — 3 credits

0101 (26081) M..... 3:00pm- 6:00pm (GEO 1120) Stifel, P.
W..... 3:00pm- 6:00pm (GEO 1120) Lab

GEOL394 — Research Problems in Geology; Grade Method: REG. CORE Capstone Course. *Prerequisite: GEOL 393.* — 3 credits

0101 (26091) M..... 3:00pm- 6:00pm (GEO 1120) Stifel, P.
W..... 3:00pm- 6:00pm (GEO 1120)

GEOL394H — Research Problems in Geology; Grade Method: REG. CORE Capstone Course. *Prerequisite: GEOL 393.* — 3 credits

0101 (26101) M..... 3:00pm- 6:00pm (GEO 1120) Stifel, P.
W..... 3:00pm- 6:00pm (GEO 1120) Lab

GEOL423 — Optical Mineralogy; Grade Method: REG/P-F/AUD. *Prerequisite: GEOL 322.* — 3 credits

0101 (26111) Tu..... 3:00pm- 4:00pm (GEO 1120) Wylie, A.
Tu..... 9:30am- 1:30pm (GEO 2117) Lab

GEOL443 — Petrology; Grade Method: REG/P-F. *Prerequisite: GEOL 322. Corequisite: GEOL 423.* — 4 credits

0101 (26121) TuTh..... 8:00am- 9:15am (GEO 1120) Walker, R.
W..... 1:00pm- 4:00pm (GEO 2117) Lab

GEOL451 — Groundwater Geology; Grade Method: REG/P-F/AUD. *Prerequisite: GEOL 100 or GEOL 101.* — 3 credits

0101 (26131) TuTh..... 4:00pm- 5:15pm (CHM 0127) Prestegaard, K.

GEOL499 (PermReq) — Special Problems in Geology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOL510 (PermReq) — Educational Use of Scientific Data Sets I; Grade Method: REG/AUD. Course restricted to NSF teacher participants. Course will also meet on occasional Saturdays. — 3 credits

0101 (26152) Tu..... 7:00pm-10:00pm (AVW 3536) Ridky, R.

GEOL814 — Thermodynamics of Geological Processes; Grade Method: REG/AUD. *Prerequisites: MATH 141; and CHEM 113; and GEOL 322; and PHYS 142.* — 3 credits

0101 (26162) MW..... 2:00pm- 3:15pm (CHM 0225) Candela, P.

GEOL846 — Crustal Petrology; Grade Method: REG/AUD. *Prerequisite: GEOL 643 or GEOL 644 or permission of instructor. Recommended: GEOL 641.* — 3 credits

0101 (26172) M..... 9:00am-12:00pm (GEO 2117) Brown, M.

GEOL862 — Clay Minerals and Clay Diagenesis; Grade Method: REG/AUD. *Prerequisite: GEOL 322 or GEOL 342.* — 3 credits

0101 (26182) TuTh..... 1:30pm- 2:45pm (GEO 1120) Chang, L.

GEOL789A — Recent Advances in Geology: Geology of the Central Appalachians; Grade Method: REG/AUD. — 3 credits

0101 (26192) W..... 9:00am-12:00pm (CHM 0225) Krogstad, E.

GEOL798 (PermReq) — Seminar in Geology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

GEOL799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOL899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

GERM German (Arts and Humanities)

GERM101 — Elementary German I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly GERM 111.* — 4 credits

0101 (26284) MTuWF..... 8:00am- 8:50am (JMZ 0204) STAFF
0201 (26285) MTuWF..... 9:00am- 9:50am (JMZ 0204) STAFF
0301 (26286) MWF.....10:00am-10:50am (JMZ 0204) STAFF
Tu.....10:00am-10:50am (JMZ 0204)
0401 (26287) MTuWF.....11:00am-11:50am (JMZ 0204) STAFF
0501 (26288) MTuWF.....12:00pm-12:50pm (JMZ 0204) STAFF
0601 (26289) MTuWF..... 1:00pm- 1:50pm (JMZ 0204) STAFF

GERM102 — Elementary German II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GERM 101 or equivalent. Formerly GERM 112.* — 4 credits

0101 (26299) MWThF..... 8:00am- 8:50am (JMZ 1122) STAFF
0201 (26300) MWF..... 9:00am- 9:50am (HZF 1106) STAFF
Th..... 9:00am- 9:50am (JMZ 1224)
0301 (26301) MWF.....10:00am-10:50am (COL 3109) STAFF
Th.....10:00am-10:50am (JMZ 1224)
0401 (26302) MWF.....11:00am-11:50am (JMZ 1122) STAFF
Th.....11:00am-11:50am (JMZ 1224)
0501 (26303) MWF.....12:00pm-12:50pm (JMZ 1122) STAFF
Th.....12:00pm-12:50pm (JMZ 0204)

GERM148D — Germanic Languages - Elementary I: Danish Language Elementary I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26313) MWF..... 9:00am- 9:50am (JMZ 2122) Greene-Gantzber

GERM149D — Germanic Languages - Elementary II: Danish Language Elementary II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26323) MWF.....10:00am-10:50am (COL 3112) Greene-Gantzber

GERM149Y — Germanic Languages - Elementary II: Elementary Yiddish II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26333) TuTh..... 9:30am-10:45am (JMZ 1103) Bilik, D.

GERM201 — Intermediate German I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GERM 102.* — 4 credits

0101 (26343) MWThF..... 9:00am- 9:50am (JMZ 3203) STAFF
0201 (26344) MWF.....10:00am-10:50am (JMZ 2125) STAFF
Th.....10:00am-10:50am (JMZ 2120)
0301 (26345) MTuWTh....12:00pm-12:50pm (COL 3111) STAFF
0401 (26346) MWF..... 1:00pm- 1:50pm (JMZ 2206) STAFF
Th..... 1:00pm- 1:50pm (JMZ 1103)

GERM202 — Intermediate German II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GERM 201. Not open to students who have completed GERM 211. Credit will be granted for only one of the following: GERM 202 or GERM 211 or GERM 104. Formerly GERM 211.* — 4 credits

0101 (26356) MWF..... 9:00am- 9:50am (JMZ 1215) STAFF
Th..... 9:00am- 9:50am (JMZ 0204)
0201 (26357) MWF.....12:00pm-12:50pm (COL 3112) STAFF
Th.....12:00pm-12:50pm (JMZ 0125)

GERM220 — Introduction to German Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: GERM 202 or equivalent. May be taken concurrently with GERM 115.* — 3 credits

0101 (26367) MWF.....10:00am-10:50am (JMZ 2206) STAFF

GERM220H — Introduction to German Literature; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: GERM 202 or equivalent. May be taken concurrently with GERM 115.* — 3 credits

0101 (26377) MWF.....10:00am-10:50am (JMZ 2206) STAFF

GERM248S — Germanic Languages - Intermediate II: Swedish Language Intermediate II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26387) TuTh.....11:00am-12:15pm (JMZ 2102) Oster, R.

GERM248Y — Germanic Languages - Intermediate II: Intermediate Yiddish II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26397) TuTh.....11:00am-12:15pm (JMZ 3205) Bilik, D.

GERM280 — German-American Cultural Contrast; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26407) MWF.....10:00am-10:50am (JMZ 0105) STAFF

GERM285 — German Film and Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. — 3 credits

0101 (26417) TuTh..... 2:00pm- 4:45pm (JMZ 0105) Belcken, P.

GERM301 — Conversation and Composition I; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 202 or equivalent.* — 3 credits

0101 (26427) MWF.....12:00pm-12:50pm (JMZ 3203) Fagan, S.

GERM302 — Conversation and Composition II; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 301 or equivalent.* — 3 credits

0101 (26437) MWF..... 9:00am- 9:50am (JMZ 1109) STAFF
0201 (26438) MWF.....12:00pm-12:50pm (JMZ 2122) STAFF

GERM321 — Highlights of German Literature I; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 220 or equivalent.* — 3 credits

0101 (26448) MWF..... 1:00pm- 1:50pm (JMZ 1122) Walker, R.

GERM322 — Highlights of German Literature II; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 220 or equivalent.* — 3 credits

0101 (26458) MWF..... 2:00pm- 2:50pm (JMZ 3205) Richter, S.

GERM322H — Highlights of German Literature II; Grade Method: REG. *Prerequisite: GERM 220 or equivalent* — 3 credits

0101 (26468) MWF..... 2:00pm- 2:50pm (JMZ 3205) Richter, S.

GERM371 — Ancient Indic Culture and Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. — 3 credits

0101 (26478) TuTh..... 2:00pm- 3:15pm (JMZ 2206) Fleck, J.

GERM381 — German Civilization I; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26488) MWF..... 9:00am- 9:50am (JMZ 3205) STAFF

GERM382 — German Civilization II; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26498) MWF.....10:00am-10:50am (JMZ 3205) Richter, S.

GERM383 — Viking Culture and Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A: Cultural and Historical Course. — 3 credits

0101 (26508) TuTh.....12:30pm- 1:45pm (JMZ 0105) Fleck, J.

GERM388 (PermReq) — Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

GERM397H (PermReq) — Honors Reading (Independent Study); Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must have department's permission before registering. — 3 credits

GERM401 — Advanced Conversation; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.* — 3 credits

0101 (26543) MWF..... 1:00pm- 1:50pm (JMZ 3205) Frederiksen, E.

GERM405 — Stylistics; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.* — 3 credits

0101 (26553) MWF.....10:00am-10:50am (JMZ 3203) STAFF

GERM405H — Stylistics; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.* — 3 credits

0101 (26563) MWF.....10:00am-10:50am (JMZ 3203) STAFF

GERM412 — German for International Business II; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 411 or equivalent or permission of department.* — 3 credits

0101 (26573) MWF.....12:00pm-12:50pm (JMZ 0122) STAFF

GERM422 — From the Reformation Through the Baroque; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 321 and GERM 322 or permission of department.* — 3 credits

0101 (26583) MWF..... 2:00pm- 2:50pm (JMZ 3203) Walker, R.

GERM422H — From the Reformation Through the Baroque; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 321 and GERM 322 or permission of department.* — 3 credits

0101 (26593) MWF..... 2:00pm- 2:50pm (JMZ 3203) Walker, R.

GERM434 — Expressionism to 1945; Grade Method: REG/P-F/AUD. *Prerequisite: GERM 321 and GERM 322, or permission of department.* — 3 credits

0101 (26603) TuTh..... 3:30pm- 4:45pm (JMZ 3203) Best, O.

GERM475 — Old Norse; Grade Method: REG/P-F/AUD. — 3 credits

0101 (26613) TuTh..... 3:30pm- 4:45pm (JMZ 2206) Fleck, J.

GERM499 (PermReq) — Directed Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM601 — Structure of German I; Grade Method: REG/AUD. — 3 credits

0101 (26646) MW..... 3:00pm- 4:15pm (JMZ 3205) Fagan, S.

GERM618 — College Teaching of German; Grade Method: REG/AUD. — 1 credit

0101 (26656) Time and room to be arranged Pfister, G.

GERM632 — The German Novelle; Grade Method: REG/AUD. — 3 credits

0101 (26666) M..... 5:00pm- 7:30pm (JMZ 3205) Frederiksen, E.

GERM671 — Gothic, Old High German, Middle High German I; Grade Method: REG/AUD. — 3 credits

0101 (26676) Tu..... 2:00pm- 4:30pm (JMZ 2123) Oster, R.

GERM689J — Special Topics - M.A. Level: Jewish Experience in German Lands; Grade Method: REG/AUD. — 3 credits

0101 (26686) Tu..... 4:00pm- 6:30pm (JMZ 1104) Bilik, D.

GERM689N — Special Topics - M.A. Level: Europeanization of German Literature; Grade Method: REG/AUD. — 3 credits

0101 (26696) W..... 1:00pm- 3:30pm (HZF 1106) Greene-Gantzber

GERM798 (PermReq) — Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

0101: Belcken, Peter 0201: Best, Otto 0301: Bilik, Dorothy 0401: Fagan, Sarah 0501: Fleck, Jere 0601: Frederiksen, Elke 0701: Greene-Gantzberg, Vivian 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Richter, Simon 1101: Strauch, Gabriele: 1201 Walker, Richard.

GERM799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GERM818 — Seminar: The Middle Ages; Grade Method: REG/AUD. — 3 credits

0101 (26731) W..... 5:00pm- 7:40pm (JMZ 3203) Strauch, G.

GERM838 — Seminar: The 20th Century; Grade Method: REG/AUD. Taught in German. — 3 credits

0101 (26741) Th..... 5:00pm- 7:40pm (JMZ 3205) Belcken, P.

GERM839 — Seminar: Special Topics: Brecht, Frisch, Durrenmatt; Grade Method: REG/AUD. — 3 credits

0101 (26751) Tu..... 5:00pm- 7:40pm (JMZ 1122) Best, O.

GERM898 (PermReq) — Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

GREK Greek (Arts and Humanities)

See FOLA for Modern Greek.

GREK102 Elementary Ancient Greek II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GREK 101 or equivalent.* — 4 credits
0101 (26901) MWF.....12:00pm-12:50pm (MMH 1304) Duffy, J.
F.....11:00am-11:50am (MMH 1304)

GREK301 Euripides; Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: GREK 301 or GREK 351. Formerly GREK 351.* — 3 credits
0101 (26911) TuTh.....11:00am-12:15pm (JMZ 1124) Hubbe, R.

GREK488 Greek Readings: Aristophanes; Grade Method: REG/P-F/AUD. — 3 credits
0101 (26921) M..... 6:00pm- 8:40pm (MMH 3418) Lee, H.

GREK499 (PermReq) Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GREK688 (PermReq) Special Topics in Greek Literature: Aristophanes; Grade Method: REG/AUD. — 3 credits
0101 (26936) M..... 6:00pm- 8:40pm (MMH 3418) Lee, H.

GREK699 (PermReq) Independent Study in Greek Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GVPT Government and Politics (Behavioral and Social Sciences)

GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits
01*1 (27000) TuTh.....12:30pm- 1:45pm (KEY 0120) Soltan, K.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0101 (27001) MW..... 1:00pm- 1:50pm (LEF 2205) Lanning, E.
W..... 2:00pm- 2:50pm (TYD 0117) Dis
0102 (27002) MW..... 1:00pm- 1:50pm (LEF 2205) Lanning, E.
W..... 3:00pm- 3:50pm (TYD 0117) Dis
0103 (27003) MW..... 1:00pm- 1:50pm (LEF 2205) Lanning, E.
W..... 4:00pm- 4:50pm (LEF 2166) Dis
0104 (27004) MW..... 1:00pm- 1:50pm (LEF 2205) Lanning, E.
F..... 2:00pm- 2:50pm (TYD 0111) Dis
0105 (27005) MW..... 1:00pm- 1:50pm (LEF 2205) Lanning, E.
Th..... 4:00pm- 4:50pm (WDS 0104) Dis
0106 (27006) MW..... 1:00pm- 1:50pm (LEF 2205) Lanning, E.
F.....11:00am-11:50am (TYD 1140) Dis
0107 (27007) MW..... 1:00pm- 1:50pm (LEF 2205) Lanning, E.
F..... 4:00pm- 4:50pm (LEF 1222) Dis
0108 (27008) MW..... 1:00pm- 1:50pm (LEF 2205) Lanning, E.
Th..... 3:00pm- 3:50pm (JMZ 1226) Dis
0201 (27009) TuTh..... 8:00am- 9:15am (LEF 2166) Glendening, P.

GVPT170 American Government; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. — 3 credits
0101 (27019) MWF..... 9:00am- 9:50am (TYD 2111) STAFF
0201 (27020) MWF..... 9:00am- 9:50am (LEF 1222) STAFF
0301 (27021) MWF.....10:00am-10:50am (LEF 1222) STAFF
0401 (27022) MWF.....11:00am-11:50am (LEF 1222) STAFF
0501 (27023) MWF.....12:00pm-12:50pm (LEF 1201) STAFF
0601 (27024) MWF..... 1:00pm- 1:50pm (LEF 1220) STAFF
0701 (27025) MWF..... 2:00pm- 2:50pm (LEF 1220) STAFF
0801 (27026) MWF..... 2:00pm- 2:50pm (LEF 1222) STAFF
0901 (27027) TuTh.....11:00am-12:15pm (HJP 2242) STAFF
1001 (27028) TuTh..... 9:30am-10:45am (LEF 2208) STAFF
1101 (27029) TuTh.....11:00am-12:15pm (LEF 1201) STAFF
1201 (27030) TuTh.....12:30pm- 1:45pm (LEF 1222) STAFF
1301 (27031) TuTh..... 2:00pm- 3:15pm (LEF 1220) STAFF
1401 (27032) TuTh..... 9:30am-10:45am (DNC 1147A) STAFF

GVPT170H (PermReq) American Government; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Limited to GVPT and General Honors students. — 3 credits
0101 (27042) Tu..... 2:00pm- 4:45pm (LEF 1222) Vietri, L.

GVPT200 International Political Relations; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. *Prerequisite: GVPT 100. Formerly GVPT 300.* — 3 credits
0101 (27053) MWF..... 9:00am- 9:50am (TYD 0117) STAFF

GVPT210 Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170.* — 3 credits
0201 (27063) TuTh.....11:00am-12:15pm (TYD 1101) STAFF

GVPT231 Law and Society; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170.* — 3 credits
0101 (27073) TuTh..... 9:30am-10:45am (ARM 0131) Stronks, J.
Th..... 2:00pm- 2:50pm (ARC 1123) Dis
0102 (27074) TuTh..... 9:30am-10:45am (ARM 0131) Stronks, J.
Th..... 3:00pm- 3:50pm (ASY 3221) Dis
0103 (27075) TuTh..... 9:30am-10:45am (ARM 0131) Stronks, J.
Th..... 4:00pm- 4:50pm (JMZ 2120) Dis
0104 (27076) TuTh..... 9:30am-10:45am (ARM 0131) Stronks, J.
F..... 1:00pm- 1:50pm (LEF 1222) Dis
0105 (27077) TuTh..... 9:30am-10:45am (ARM 0131) Stronks, J.
F..... 2:00pm- 2:50pm (LEF 1221) Dis

GVPT240 Political Ideologies; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: GVPT 100.* — 3 credits
0101 (27089) MWF..... 9:00am- 9:50am (LEF 2166) STAFF

GVPT250 Introduction to Negotiation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Cultural Diversity Course. *Prerequisite: GVPT 100. Recommended: GVPT 200.* — 3 credits
0101 (27099) TuTh.....12:30pm- 1:20pm (MMH 1400) Starkey, B.
Th..... 2:00pm- 2:50pm (JMZ 0122) Dis
0102 (27100) TuTh.....12:30pm- 1:20pm (MMH 1400) Starkey, B.
Tu..... 3:00pm- 3:50pm (JMZ 0122) Dis
0103 (27101) TuTh.....12:30pm- 1:20pm (MMH 1400) Starkey, B.
W.....11:00am-11:50am (TYD 2102) Dis
0104 (27102) TuTh.....12:30pm- 1:20pm (MMH 1400) Starkey, B.
W..... 1:00pm- 1:50pm (TYD 2102) Dis
0105 (27103) TuTh.....12:30pm- 1:20pm (MMH 1400) Starkey, B.
Th..... 9:00am- 9:50am (JMZ 0116) Dis
0106 (27104) TuTh.....12:30pm- 1:20pm (MMH 1400) Starkey, B.
Th..... 2:00pm- 2:50pm (JMZ 1215) Dis

GVPT260 State and Local Government; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170.* — 3 credits
0101 (27114) TuTh..... 8:00am- 9:15am (TYD 0102) STAFF

GVPT273 Introduction to Environmental Politics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Prerequisite: GVPT 170.* — 3 credits
0101 (27124) TuTh..... 9:30am-10:45am (LEF 2205) Pirages, D.
Th.....11:00am-11:50am (JMZ 0116) Dis
0102 (27125) TuTh..... 9:30am-10:45am (LEF 2205) Pirages, D.
Th..... 1:00pm- 1:50pm (JMZ 0116) Dis
0103 (27126) TuTh..... 9:30am-10:45am (LEF 2205) Pirages, D.
F.....10:00am-10:50am (LEF 1220) Dis
0104 (27127) TuTh..... 9:30am-10:45am (LEF 2205) Pirages, D.
F.....11:00am-11:50am (TYD 0101) Dis
0105 (27128) TuTh..... 9:30am-10:45am (LEF 2205) Pirages, D.
F..... 1:00pm- 1:50pm (TYD 0101) Dis

GVPT378A (PermReq) Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 377.* Limited to Capitol Hill interns. — 6 credits
0101 (27138) Time and room to be arranged Herrnson, P.

GVPT378B (PermReq) Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD. *Prerequisite. GVPT 170. Corequisite: GVPT 377.* Limited to Maryland General Assembly interns. — 6 credits
0101 (27148) Time and room to be arranged STAFF

GVPT377A (PermReq) Seminar For Academic Interns; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.* Limited to Capitol Hill interns. — 3 credits
0101 (27158) M..... 3:30pm- 6:00pm (LEF 2138H) Herrnson, P.

GVPT377B (PermReq) Seminar For Academic Interns; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.* Limited to Maryland General Assembly interns. — 3 credits
0101 (27168) M..... 6:30pm- 9:15pm (LEF 2138H) STAFF

GVPT388 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

GVPT388 (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies. — 1-3 credits

GVPT391 Honors Seminar in Comparative Government and International Relations; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: admission to honors program.* — 3 credits
0101 (27252) Th..... 2:00pm- 4:45pm (LEF 2138H) Gurr, T.

GVPT392 Honors Seminar in Public Law and Political Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: admission to honors program.* — 3 credits
0101 (27262) M..... 2:00pm- 4:45pm (LEF 1201) Kaufman, E.

GVPT396 (PermReq) Introduction to Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to and permission of GVPT Honors Program.* — 3 credits

GVPT397 (PermReq) Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: GVPT 396 and admission to GVPT honors program.* — 3 credits

GVPT399D Seminar in Government and Politics: Post Communism in Eastern Europe; Grade Method: REG/P-F/AUD. — 3 credits
0101 (27327) TuTh.....11:00am-12:15pm (JMZ 2206) Tismaneanu, V.

GVPT399E Seminar in Government and Politics: Political Economy of Africa; Grade Method: REG/P-F/AUD. — 3 credits
0101 (27337) W..... 2:00pm- 4:45pm (KEY 0117) Grant-Wisdom, D

GVPT399F (PermReq) Seminar in Government and Politics: Workshop on Conflict and Peace Analysis; Grade Method: REG/P-F/AUD. Course limited to intending interns and research assistants at the Center for International Development and Conflict Management. Lab sessions required. — 3 credits
0101 (27347) M..... 2:00pm- 4:45pm (LEF 2208) Davies, J.

GVPT399G Seminar in Government and Politics: Black Politics in America; Grade Method: REG/P-F/AUD. Prerequisite: AASP 301 or permission of department — 3 credits
0101 (27357) TuTh.....12:30pm- 1:45pm (THS 0147) Johnson, O.

GVPT399H Seminar in Government and Politics: Hiroshima: Political Ethics and Memory; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Limited to GVPT and General Honors students. — 3 credits
0101 (27367) W..... 6:30pm- 9:15pm (LEF 1201) Alperovitz, G.

GVPT399J Seminar in Government and Politics: Feminist Theory; Grade Method: REG/P-F/AUD. — 3 credits
0101 (27377) TuTh.....12:30pm- 1:45pm (TYD 1101) Josephson, J.

GVPT399M Seminar in Government and Politics: Migration and Ethnic Relations; Grade Method: REG/P-F/AUD. — 3 credits
0101 (27398) W..... 2:00pm- 4:45pm (LEF 2208) Heisler, M.

GVPT399N Seminar in Government and Politics: Issues in International Political Economy; Grade Method: REG/P-F/AUD. — 3 credits
0101 (27408) TuTh..... 2:00pm- 3:15pm (JMZ 2120) Kaminski, B.

GVPT399O Seminar in Government and Politics: International Relations of the Third World; Grade Method: REG/P-F/AUD. — 3 credits
0101 (27418) TuTh.....11:00am-12:15pm (EDU 1315) Conca, K.

GVPT402 International Law; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 200.* — 3 credits
0101 (27460) MWF.....10:00am-10:50am (LEF 2208) Piper, D.

GVPT403 Law, Morality and War; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: GVPT 200.* — 3 credits
0101 (27470) MWF.....11:00am-11:50am (LEF 2208) Piper, D.

GVPT407 International Political Economy; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 200.* — 3 credits
0101 (27480) TuTh..... 2:00pm- 3:15pm (HZF 1102) Haufler, V.

GVPT411 Public Personnel Administration; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 210.* — 3 credits
0101 (27490) TuTh.....12:30pm- 1:45pm (TYD 2106) Ranald, R.

GVPT412 Public Financial Administration; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 210.* — 3 credits
0101 (27500) TuTh..... 2:00pm- 3:15pm (ARM 0110) Ranald, R.

GVPT422 Quantitative Political Analysis; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 220.* — 3 credits
0101 (27510) TuTh..... 9:30am-10:45am (LEF 2123) Swistak, P.

GVPT429B Problems in Political Behavior: Formal Theories of Politics; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 (27520) TuTh.....11:00am-12:15pm (LEF 1220) Lalman, D.

GVPT431 Introduction to Constitutional Law; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 231.* — 3 credits
0101 (27530) MWF..... 9:00am- 9:50am (LEF 2208) McCarrick, E.

GVPT432 Civil Rights and the Constitution; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: GVPT 231.* — 3 credits
0101 (27540) TuTh.....11:00am-12:15pm (ARM 0110) Graber, M.

GVPT433 The Judicial Process; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 231.* — 3 credits
0101 (27550) TuTh..... 9:30am-10:45am (TYD 1140) McIntosh, W.

GVPT436 The Legal Status of Women; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 231.* — 3 credits
0101 (27560) MWF.....11:00am-11:50am (TYD 1102) McCarrick, E.

GVPT441 History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: GVPT 100.* — 3 credits
0101 (27570) TuTh..... 2:00pm- 3:15pm (TYD 1102) Butterworth, C.
0201 (27571) MWF.....10:00am-10:50am (TYD 0117) STAFF

GVPT442 History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: GVPT 100.* — 3 credits
0101 (27583) TuTh..... 9:30am-10:45am (LEF 2166) STAFF
0201 (27584) MW..... 2:00pm- 3:15pm (TYD 1102) Glass, J.

GVPT450 Comparative Study of Foreign Policy Formation; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 200.* — 3 credits
0101 (27594) MWF.....12:00pm-12:50pm (TYD 1102) Wilkenfeld, J.

GVPT451 Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.* — 3 credits
0101 (27604) TuTh.....12:30pm- 1:45pm (LEF 1201) Douse, G.

GVPT457 American Foreign Relations; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: GVPT 200.* — 3 credits
0101 (27614) TuTh..... 9:30am-10:45am (TYD 0111) Quester, G.

GVPT462 Urban Politics; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: GVPT 260.* — 3 credits
0101 (27624) Tu..... 3:30pm- 6:15pm (TYD 2106) STAFF

GVPT471 Women and Politics Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 (27628) TuTh.....12:30pm- 1:45pm (JRN 1105) Alford, C.

GVPT473 Legislatures and Legislation; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 170.* — 3 credits
0101 (27634) MW..... 3:30pm- 4:45pm (TYD 2111) Gimpel, J.

GVPT478A Problems of American Public Policy: The Politics of the Vietnam War; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. — 3 credits
0101 (27644) Th..... 2:00pm- 4:45pm (HBK 4205) Vietri, L.

GVPT481 Government and Administration of Russia and the New States of Eurasia; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.* — 3 credits
0101 (27654) TuTh..... 9:30am-10:45am (KEY 0102) STAFF

GVPT482 Government and Politics of Latin America; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.* — 3 credits
0101 (27664) MWF.....11:00am-11:50am (LEF 2166) Lanning, E.

GVPT483 Government and Politics of Asia; Grade Method: REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.* — 3 credits
0101 (27674) TuTh.....11:00am-12:15pm (TYD 2106) Davies, J.

GVPT700 Scope and Method of Political Science; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27684) W..... 6:30pm- 9:15pm (KEY 0124) Gimpel, J.

GVPT722 Advanced Quantitative Methods For Political Science; Grade Method: REG/AUD. *Prerequisite: GVPT 622 or permission of instructor.* For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27694) M..... 9:30am-12:15pm (TYD 2102) Swistak, P.

GVPT729 Special Topics in Quantitative Political Analysis: Mathematical Modeling for Political Scientists; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27704) Th..... 3:30pm- 6:15pm (LEF 1201) Lalman, D.

GVPT741 Political Theory; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, written permission of instructor and department required. — 3 credits
0101 (27714) TuTh..... 5:00pm- 6:15pm (LEF 2123) Butterworth, C.

GVPT761 International Political Economy; Grade Method: REG/AUD. *Recommended: GVPT 708.* For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27724) Tu..... 6:30pm- 9:15pm (LEF 1210) Kaminski, B.

GVPT780 Seminar in the Comparative Study of Politics; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27734) Th..... 6:30pm- 9:15pm (LEF 1220) Johnson, O.

GVPT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. — 1-6 credits

GVPT808A Selected Topics in Functional Problems in International Relations: International Financial Relations; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27781) M..... 3:30pm- 6:15pm (LEF 2138H) Haufler, V.

GVPT808C Selected Topics in Functional Problems in International Relations: Population Movements: Migration, Refugee Flows and Ethnicity; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27791) M..... 3:30pm- 6:15pm (LEF 1221) Heisler, M.

GVPT832 Formal Theories of Politics II; Grade Method: REG/AUD. *Prerequisite: GVPT 831.* For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27801) M..... 3:30pm- 6:15pm (LEF 2138) Oppenheimer, J.

GVPT845 Marxist Political Theory; Grade Method: REG/AUD. *Prerequisite: GVPT 443 or permission of instructor.* For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27811) Tu..... 3:30pm- 6:15pm (LEF 2207) Tismaneanu, V.

GVPT848A Current Problems in Political Theory: Psychoanalytical Approaches to Self, Feminism and Theories of Political Transformation; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27821) M..... 6:30pm- 9:15pm (LEF 2138) Glass, J.

GVPT848B Current Problems in Political Theory; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27831) Tu..... 6:30pm- 9:15pm (LEF 2207) Alford, C.

GVPT858 Selected Topics in Public Policy; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27841) M..... 6:30pm- 9:15pm (LEF 2207) Stone, C.

GVPT861 The International Politics of Technology and Resources; Grade Method: REG/AUD. *Recommended: GVPT 708, GVPT 761.* For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. — 3 credits
0101 (27851) Tu..... 3:30pm- 6:15pm (LEF 2176) Pirages, D.

GVPT863 Urban Political Economy; Grade Method: REG/AUD. *Recommended: GVPT 770, GVPT 760.* For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. 3 credits

0101 (27861) M..... 3:30pm- 6:15pm (LEF 2176) Williams, L.

GVPT868A Problems of State and Local Government: State Policy and Administration; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. 3 credits

0101 (27871) M..... 3:30pm- 6:15pm (LEF 2181J) Marando, V.

GVPT870 Interest Groups Politics in the United States; Grade Method: REG/AUD. *Recommended: GVPT 770.* For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. 3 credits

0101 (27881) W..... 3:30pm- 6:15pm (LEF 1222) Herrnson, P.

GVPT872 Judicial Process and Behavior; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. 3 credits

0101 (27891) Tu..... 6:30pm- 9:15pm (LEF 2176) McIntosh, W.

GVPT878 Problems in American Government and Politics: Constitutional Politics; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. 3 credits

0101 (27901) Tu..... 3:30pm- 6:15pm (LEF 2138) Graber, M.

GVPT888 (PermReq) Selected Topics in Comparative Governmental Institutions: Comparative Analysis of Ethnopolitical Conflict; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. 3 credits

0101 (27911) M..... 6:30pm- 9:15pm (LEF 2176) Gurr, T.

GVPT889 Selected Topics in Area Problems in International Relations: Politics and Foreign Policy of Russia and the New States of Eurasia; Grade Method: REG/AUD. For GVPT majors only. For all non-GVPT students, permission of instructor and department is required. 3 credits

0101 (27921) Th..... 3:30pm- 6:15pm (LEF 2207) Dawisha, K.

GVPT898 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 3 credits

GVPT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For GVPT majors only. For all non-GVPT students, written permission of instructor and department is required. 1-8 credits

HEBR Hebrew (Arts and Humanities)

Students who have no knowledge of Hebrew should register for HEBR 111 which will be offered in the fall. Students who have studied Hebrew elsewhere are required to contact Mrs. Liberman (for courses HEBR 112 and HEBR 212) or contact Dr. Berlin on questions of placement above the HEBR 212 level.

HEBR112 Elementary Hebrew II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: HEBR 111 or equivalent.* 6 credits

01*1 (28057) MWF..... 9:00am-10:50am (JMZ 2117) Liberman, E.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0201 (28058) MWF.....11:00am-12:50pm (JMZ 2117) STAFF
0301 (28059) MWF.....11:00am-12:50pm (JMZ 2206) Liberman, E.

HEBR212 Intermediate Hebrew II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: HEBR 211 or permission of department.* 6 credits

0101 (28069) MWF.....11:00am-12:50pm (JMZ 1124) Levy, N.

HEBR298D Special Topics in Jewish Studies: The World of the Dead Sea Scrolls; Grade Method: REG/P-F/AUD. 3 credits

0101 (28079) W..... 1:00pm- 4:00pm (ANA 0100) Cohen, M.

HEBR314 Conversation and Composition II; Grade Method: REG/P-F/AUD. *Prerequisite: HEBR 313 or equivalent.* 3 credits

0101 (28089) MWF..... 1:00pm- 1:50pm (JMZ 1109) Levy, N.

HEBR382 Readings in Hebrew Newspapers and Periodicals; Grade Method: REG/P-F/AUD. *Prerequisite: HEBR 314 or permission of department.* 3 credits

0101 (28099) Time and room to be arranged Levy, N.

HEBR451 Issues in Jewish Ethics and Law; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. *Prerequisite: course in philosophy or course in Jewish studies (excluding Hebrew language) or permission of department. Also offered as PHIL 433. Credit will be granted for only one of the following: HEBR 451 or PHIL 433.* 3 credits

0101 (28109) W.....12:30pm- 3:00pm (HJP 1229) Freundel, B.

HEBR472 Readings in Medieval Hebrew; Grade Method: REG/P-F/AUD. *Prerequisite: HEBR 212 or permission of department.* 3 credits

0101 (28119) TuTh..... 9:30am-10:45am (JMZ 2117) STAFF

HEBR498I (PermReq) Special Topics in Hebrew; Grade Method: REG/P-F/AUD. 3 credits

0101 (28129) Time and room to be arranged STAFF

HESP Hearing and Speech Sciences (Behavioral and Social Sciences)

HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits

0101 (28179) TuTh..... 8:00am- 9:15am (LEF 2208) Schulz, G.

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD. Course chairman: McCall. 3 credits

0101 (28189) MWF.....10:00am-10:50am (LEF 2205) Carr-Kraft, L.

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 202.* 3 credits

0101 (28199) MWF.....11:00am-11:50am (LEF 1201) Ratner, N.

HESP311 Anatomy, Pathology and Physiology of the Auditory System; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 202.* 3 credits

0101 (28209) TuTh..... 2:00pm- 3:15pm (LEF 2208) Gordon-Salant,

HESP386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 300.* 3 credits

0101 (28232) TuTh.....11:00am-12:15pm (LEF 2208) Yeni-Komshian,

HESP402 Speech Pathology I; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 300.* 3 credits

0101 (28242) TuTh.....12:30pm- 1:45pm (LEF 2166) Roth, F.

HESP403 Introduction to Phonetic Science; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 305.* 3 credits

0101 (28252) MWF.....10:00am-10:50am (ASY 3207) Mele-Mccarthy,

HESP404 Speech Pathology II; Grade Method: REG/P-F/AUD. *Prerequisite: HESP 305.* Course chairman: McCall. 3 credits

0101 (28262) MWF..... 9:00am- 9:50am (LEF 1201) McCall, G.

HESP418 (PermReq) Clinical Practice in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD. Majors only. Course will be team taught by C. Worthington and M. McCabe. 3 credits

0101 (28272) WF.....12:00pm-12:50pm (LEF 0135) McCabe, M.
Time and room to be arranged Lab

HESP498 (PermReq) Seminar: Neurological Bases of Human Communication; Grade Method: REG/P-F/AUD. 3 credits

0101 (28282) M..... 3:30pm- 6:00pm (LEF 2166) Dingwall, W.

HESP499 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP602 (PermReq) Neurological Bases of Human Communication; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits

0101 (28305) M..... 3:30pm- 6:00pm (LEF 2166) Dingwall, W.

HESP604 (PermReq) Acoustical and Perceptual Phonetics; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits

0101 (28315) M..... 1:00pm- 3:30pm (LEF 0135) Yeni-Komshian,

HESP620 Phonological and Articulatory Disorders; Grade Method: REG/AUD. 3 credits

0101 (28325) M..... 1:00pm- 3:30pm (LEF 0135) Ratner, N.

HESP622 (PermReq) Neuromotor Disorders of Speech; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits

0101 (28335) Tu..... 5:00pm- 7:30pm (LEF 0135) STAFF

HESP624 (PermReq) Voice Disorders; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits

0101 (28345) Tu..... 9:00am-11:30am (LEF 0135) McCall, G.

HESP626 Language and Learning Disabilities; Grade Method: REG/AUD. 3 credits

0101 (28355) M..... 9:30am-12:00pm (LEF 0135) Roth, F.

HESP638 (PermReq) Research Practicum; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP639 (PermReq) Special Topics in Hearing and Speech Sciences: Noise Control Laboratory; Grade Method: REG. 1 credit

0101 (28372) Th..... 3:30pm- 6:00pm (LEF 0135) Atack, R.

HESP645 Pediatric Audiology; Grade Method: REG/AUD. *Prerequisite: HESP 606 or permission of department.* 3 credits

0101 (28382) Tu..... 3:30pm- 6:00pm (LEF 0104A) Balfour, P.

HESP648A (PermReq) Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only. 1 credit

HESP648B (PermReq) Clinical Practice in Speech: Therapeutic Procedures; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only. 1-2 credits

HESP649A (PermReq) Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. 1-2 credits

HESP649B (PermReq) Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. 1-2 credits

HESP700 Hearing Aids; Grade Method: REG/AUD. 3 credits

0101 (28403) W..... 3:30pm- 6:00pm (LEF 0135) Balfour, P.

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP728 (PermReq) Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Ratner. Majors only. 1-8 credits

HESP729 (PermReq) Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only. 1-8 credits

HESP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

HISP Historic Preservation (Architecture)

HISP619 (PermReq) Special Topics in Historic Preservation: Documenting the Historic Environment; Grade Method: REG/AUD. Permission of instructor and department required. 3 credits

0101 (28485) Tu..... 5:00pm- 8:00pm (ARC 1127) Kurtze, P.

HISP700 Final Seminar in Historic Preservation; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

HIST History (Arts and Humanities)

HIST123 Sub-Saharan Africa Since 1800; Grade Method: REG/P-F/AUD. 3 credits

0101 (28545) TuTh.....11:00am-11:50am (KEY 0102) Brayman, W.
Time and room to be arranged Dis

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (28555) MWF.....11:00am-11:50am (KEY 0106) Henretta, J.
Time and room to be arranged Dis
0201 (28556) TuTh.....10:00am-10:50am (KEY 0106) Grimsted, D.
Time and room to be arranged Dis
0301 (28557) TuTh..... 9:00am- 9:50am (KEY 0106) Flack, J.
Time and room to be arranged Dis

HIST156H History of the United States to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (28577) Th.....11:00am-11:50am (KEY 2119) Grimsted, D.

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Discussion sections assigned first class session. 3 credits

0101 (28587) MW.....10:00am-10:50am (KEY 0106) Shulman, H.
Time and room to be arranged Dis
0201 (28588) MW..... 9:00am- 9:50am (KEY 0106) Callcott, G.
Time and room to be arranged Dis
0301 (28589) TuTh..... 1:00pm- 1:50pm (KEY 0106) McKinney, G.
Time and room to be arranged Dis

HIST157H History of the United States Since 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits

0101 (28609) TuTh..... 2:00pm- 3:15pm (ANA 0120) Ridgway, W.

HIST210 Women in America to 1880; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (28619) MW.....11:00am-11:50am (KEY 1117) Gullickson, G.
Time and room to be arranged Dis

HIST211 Women in America Since 1880; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. Discussion sections will be assigned first class session. 3 credits

0101 (28629) TuTh..... 2:00pm- 2:50pm (KEY 0102) Muncy, R.
Time and room to be arranged Dis

HIST219A Special Topics in History: The Legacy of Thomas Jefferson; Grade Method: REG/P-F/AUD. 3 credits

0101 (28639) Tu..... 3:30pm- 5:30pm (ANA 0100) Kaplan, L.
Time and room to be arranged Dis

HIST225 Modern Military History, 1815-Present; Grade Method: REG/P-F/AUD. Discussion sections will be assigned the first day of classes. 3 credits

0101 (28649) MW.....10:00am-10:50am (KEY 0102) Sumida, J.
Time and room to be arranged Dis

HIST235 History of Britain 1461 to 1714; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. Discussion sections will be assigned at first lecture. 3 credits

0101 (28659) TuTh..... 1:00pm- 1:50pm (KEY 0102) Breslow, M.
Time and room to be arranged Dis

HIST236 History of Britain 1688 to Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. Discussion sections assigned first class session. 3 credits

0101 (28681) MW..... 9:00am- 9:50am (KEY 0102) Price, R.
Time and room to be arranged Dis

HIST237 Russian Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (28691) MW..... 2:00pm- 2:50pm (KEY 0106) Majeska, G.
Time and room to be arranged Dis

HIST285 East Asian Civilization II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (28701) TuTh..... 9:30am-10:45am (KEY 1117) Harrell, P.

HIST307 The Holocaust of European Jewry; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Not open to students who have completed HIST 206. Formerly HIST 206.* 3 credits

0101 (28711) TuTh..... 2:00pm- 2:50pm (KEY 0106) Rozenblit, M.
Time and room to be arranged Dis

HIST309A Proseminar in Historical Writing: Imperial and Soviet Russia; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28721) Tu.....10:00am-12:00pm (KEY 0107) Phillips, E.
Time and room to be arranged Dis

HIST309B Proseminar in Historical Writing: West African Social History; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28731) Th.....10:00am-12:00pm (KEY 0107) Perinbam, B.
Time and room to be arranged Dis

HIST309C Proseminar in Historical Writing: Roman History; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28741) M..... 2:00pm- 4:00pm (KEY 0107) Eckstein, A.
Time and room to be arranged Dis

HIST309D Proseminar in Historical Writing: 20th Century African-American History; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28751) Th..... 3:00pm- 5:00pm (KEY 0107) Moss, A.
Time and room to be arranged Dis

HIST309E Proseminar in Historical Writing: American Indian Federal Policy; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28761) Th..... 1:00pm- 3:00pm (KEY 0107) Nicklason, F.
Time and room to be arranged Dis

HIST309F Proseminar in Historical Writing: Social and Group Violence in American History; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28771) Tu..... 3:00pm- 5:00pm (KEY 0107) Smead, E.
Time and room to be arranged Dis

HIST309G Proseminar in Historical Writing: Social History of Urban America; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28781) Tu.....12:00pm- 2:00pm (KEY 0107) Flack, J.
Time and room to be arranged Dis

HIST309I Proseminar in Historical Writing: Modern Muslim World; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28791) Th..... 2:00pm- 4:00pm (KEY 1118) Stowasser, K.
Time and room to be arranged Dis

HIST309J Proseminar in Historical Writing: Enlightenment in France; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28801) Tu..... 1:00pm- 3:00pm (KEY 1118) Williams, W.

HIST309K Proseminar in Historical Writing: Race and Class in Modern Latin America; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits

0101 (28811) W..... 4:00pm- 6:00pm (KEY 0107) Orum, T.

HIST313A Crisis and Change in European Society: Freedom and Authority as a Problem in Western Society; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits

0101 (28821) MWF.....12:00pm-12:50pm (KEY 0106) Eckstein, A.

HIST314A Crisis and Change in the Middle East and Africa: Nationalism and Nation-Building in the Middle East; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems 3 credits

Course. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course.
0101 (28831) TuTh..... 9:30am-10:45am (KEY 0126) Zilfi, M.

HIST319A Special Topics in History: History and Literature of 17th Century Britain; Grade Method: REG/P-F/AUD. 3 credits
0101 (28852) Tu..... 3:30pm- 6:00pm (ANA 0120) Breslow, M.

HIST319B Special Topics in History: Problems in World History; Grade Method: REG/P-F/AUD. 3 credits
0101 (28862) W.....10:00am-12:00pm (KEY 0107) Matossian, M.

HIST319C (PermReq) Special Topics in History: Presidential Leadership Styles; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (28872) M..... 2:00pm- 4:30pm (ANA 0120) Burns, J.

HIST319Z Special Topics in History: Women and Society in the Middle East; Grade Method: REG/P-F/AUD. 3 credits
0101 (28882) Tu..... 1:00pm- 3:00pm (KEY 2119) Zilfi, M.
Time and room to be arranged Dis

HIST331 Medieval Civilization II; Grade Method: REG/P-F/AUD. 3 credits
0101 (28892) TuTh.....11:00am-12:15pm (KEY 1117) Rutenburg, J.

HIST335 Society, Ideas and Culture in the Old Regime, 1715-1789; Grade Method: REG/P-F/AUD. 3 credits
0101 (28902) TuTh.....11:00am-12:15pm (KEY 0124) Williams, W.

HIST348 Social and Cultural History of Europe; Grade Method: REG/P-F/AUD. 3 credits
0101 (28912) MW..... 2:00pm- 3:15pm (KEY 0125) Matossian, M.

HIST360 American Colonial History; Grade Method: REG/P-F/AUD. 3 credits
0101 (28922) TuTh.....12:30pm- 1:45pm (KEY 1117) Struna, N.

HIST362 The Formative Period in America, 1789-1824; Grade Method: REG/P-F/AUD. 3 credits
0101 (28932) TuTh.....11:00am-12:15pm (KEY 0125) Ridgway, W.

HIST364 Reconstruction and the New Nation; Grade Method: REG/P-F/AUD. 3 credits
0101 (28942) TuTh..... 9:30am-10:45am (KEY 0125) Nicklason, F.

HIST367 The United States Since World War II; Grade Method: REG/P-F/AUD. Discussion sections will be assigned first class session. 3 credits
0101 (28952) MW..... 1:00pm- 1:50pm (KEY 0102) Shulman, H.
Time and room to be arranged Dis

HIST375 Modern Jewish History II: World Jewry Since 1870; Grade Method: REG/P-F/AUD. 3 credits
0101 (28962) TuTh.....11:00am-12:15pm (KEY 0126) Rozenblit, M.

HIST391 Middle East II; Grade Method: REG/P-F/AUD. 3 credits
0101 (28972) TuTh.....12:30pm- 1:45pm (KEY 0124) Stowasser, K.

HIST396 Honors Colloquium II; Grade Method: REG/P-F/AUD. CORE Capstone Course. 3 credits
0101 (28982) M.....10:00am-12:00pm (KEY 3111) Holum, K.
Time and room to be arranged Dis

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD. 3 credits
0101 (28992) W.....12:00pm- 2:00pm (KEY 2119) Holum, K.
Time and room to be arranged Dis

HIST403 20th Century Revolutions in the Physical Sciences; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisites: MATH 110 or equivalent and six credits of college-level physics.* 3 credits
0101 (29002) TuTh..... 2:00pm- 3:15pm (PHY 4220) Doel, R.

HIST407 Technology and Social Change in History; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Students with HIST 407 prior to Fall Semester 1989 must have permission of department to enroll in this course.* 3 credits
0101 (29012) MW..... 2:00pm- 3:15pm (KEY 1117) Friedel, R.

HIST418 Jews and Judaism: Selected Historical Topics: Jews and the Italian Renaissance; Grade Method: REG/P-F/AUD. 3 credits
0101 (29022) MW..... 2:00pm- 3:15pm (KEY 0124) Cooperman, B.

HIST419A (PermReq) Special Topics in History: Strategic Theory for Advanced Undergraduate Students; Grade Method: REG/P-F/AUD. 3 credits
0101 (29032) M.....12:00pm- 2:00pm (KEY 0124) Sumida, J.
Time and room to be arranged Dis

HIST423 Byzantine Empire II; Grade Method: REG/P-F/AUD. 3 credits
0101 (29042) MWF.....10:00am-10:50am (KEY 0125) Majeska, G.

HIST441 Germany in the Twentieth Century, 1914-1945; Grade Method: REG/P-F/AUD. 3 credits
0101 (29052) TuTh.....11:00am-12:15pm (KEY 0103) Harris, J.

HIST442 The Soviet Union; Grade Method: REG/P-F/AUD. 3 credits
0101 (29062) TuTh..... 2:00pm- 3:15pm (KEY 1117) Phillips, E.

HIST443 Modern Balkan History; Grade Method: REG/P-F/AUD. 3 credits
0101 (29072) TuTh..... 2:00pm- 3:15pm (KEY 0125) Lampe, J.

HIST445 Twentieth Century European Diplomatic History; Grade Method: REG/P-F/AUD. 3 credits
0101 (29082) TuTh..... 9:30am-10:45am (KEY 0124) Kent, G.

HIST453 Diplomatic History of the United States from 1914; Grade Method: REG/P-F/AUD. 3 credits
0101 (29092) TuTh.....12:30pm- 1:45pm (KEY 0126) Zhang, S.

HIST455 Constitutional History of the United States: Since 1860; Grade Method: REG/P-F/AUD. 3 credits
0101 (29102) TuTh.....11:00am-12:15pm (KEY 0116) Belz, H.

HIST457 History of American Culture and Ideas Since 1865; Grade Method: REG/P-F/AUD. 3 credits
0101 (29112) TuTh..... 2:00pm- 3:15pm (KEY 0126) Grimsted, D.

HIST458C Selected Topics in Women's History: Women in Medieval Culture and Society; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. 3 credits
0101 (29122) Tu..... 2:00pm- 4:30pm (KEY 0103) Bados-Rezak, B.

HIST461 Blacks in American Life: 1865 to Present; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. 3 credits
0101 (29132) TuTh.....12:30pm- 1:45pm (KEY 0103) Moss, A.

HIST462 The Civil War; Grade Method: REG/P-F/AUD. 3 credits
0101 (29142) TuTh.....12:30pm- 1:45pm (KEY 0116) Rowland, L.

HIST481 A History of Modern China; Grade Method: REG/P-F/AUD. 3 credits
0101 (29152) TuTh..... 2:00pm- 3:15pm (KEY 0124) Harrell, P.

HIST483 History of Japan Since 1800; Grade Method: REG/P-F/AUD. 3 credits
0101 (29162) MW..... 2:00pm- 3:15pm (KEY 0126) Mayo, M.

HIST497 Islam in Africa; Grade Method: REG/P-F/AUD. 3 credits
0101 (29172) TuTh..... 2:00pm- 3:15pm (KEY 0116) Perinbam, B.

HIST499 Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HIST800 Historiography; Grade Method: REG/AUD. 3 credits
0101 (29238) Th..... 4:30pm- 7:00pm (KEY 3111) Harris, J.

HIST802 General Seminar: American History; Grade Method: REG/AUD. 3 credits
0101 (29248) M..... 2:00pm- 4:30pm (KEY 2119) Callcott, G.

HIST803 General Seminar: European History; Grade Method: REG/AUD. 3 credits
0101 (29258) W..... 4:30pm- 7:00pm (KEY 2119) Gullickson, G.

HIST805 General Seminar: World History; Grade Method: REG/AUD. *For HIST majors only.* Section 0101 concentrates on religion, section 0201 concentrates on U.S.-Japan Economic and Culture Relations, 1790's to 1990's. 3 credits
0101 (29268) Tu..... 7:00pm- 9:30pm (KEY 1118) Cooperman, B.
0201 (29269) M..... 4:30pm- 7:00pm (KEY 1118) Mayo, M.

HIST809 Readings in the History of Science and Technology; Grade Method: REG/AUD. 3 credits
0101 (29280) M..... 4:30pm- 7:00pm (KEY 3111) Friedel, R.

HIST819A (PermReq) Special Topics in History: Readings in the History of Crime and Punishment; Grade Method: REG/AUD. 3 credits
0101 (29290) W..... 7:00pm- 9:30pm (KEY 2119) Cockburn, J.

HIST819B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HIST819C Special Topics in History: Historical Anthropology of the Middle Ages; Grade Method: REG/AUD. 3 credits
0101 (29356) W..... 2:00pm- 4:30pm (KEY 1118) Bados-Rezak, B.

HIST819D (PermReq) Special Topics in History: 20th Century Naval History for Advanced Graduate Students; Grade Method: REG/AUD. 1-3 credits
0101 (29366) W..... 2:00pm- 4:30pm (KEY 3111) Sumida, J.

HIST819E Special Topics in History: Cities of the Early Roman Empire; Grade Method: REG/AUD. 3 credits
0101 (29376) M..... 2:00pm- 4:30pm (KEY 1118) Holum, K.

HIST819F Special Topics in History: Childhood, Family and Education in Jewish Society; Grade Method: REG/AUD. 3 credits
0101 (29386) M..... 4:15pm- 7:00pm (KEY 0107) Cooperman, B.
Time and room to be arranged Dis

HIST819G Special Topics in History: Readings in African History: Theory and Methodology; Grade Method: REG/AUD. This course is team-taught by Professors B. Bravman and M. Perinbam. 3 credits
0101 (29396) Tu..... 4:30pm- 7:00pm (KEY 1118) Bravman, M.

HIST819J Special Topics in History: Quantitative Approaches to Issues in 19th Century United States Social History; Grade Method: REG/AUD. This course is team-taught by Dr. Berlin and Dr. McDaniel. 1-3 credits
0101 (29406) W..... 5:00pm- 7:00pm (CSS 0201) Berlin, I.

HIST819S Special Topics in History: Current Research in History of Philosophy and Science; Grade Method: REG/AUD. 1 credit
0101 (29436) Th..... 4:00pm- 6:00pm (KEY 1117) Brush, S.

HIST829 Readings in the American Revolution and the Formative Period; Grade Method: REG/AUD. 3 credits
0101 (29446) Tu..... 7:00pm- 9:30pm (KEY 2119) Ridgway, W.

HIST858 Readings in American Constitutional History; Grade Method: REG/AUD. 3 credits
0101 (29456) Th..... 4:30pm- 7:00pm (KEY 1118) Belz, H.

HIST879 Readings in the History of American Foreign Policy; Grade Method: REG/AUD. 3 credits
0101 (29466) Th..... 2:00pm- 4:30pm (KEY 2119) Zhang, S.

HIST799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HIST808 Seminar in the History of Science and Technology; Grade Method: REG/AUD. 3 credits
0101 (29532) Tu..... 3:30pm- 6:00pm (SKN 1116) Brush, S.

HIST809 Seminar in the History of Women; Grade Method: REG/AUD. 3 credits
0101 (29542) Tu..... 4:30pm- 7:00pm (KEY 2119) Muncy, R.

HIST819A Special Topics: Research Seminar: Writing Narrative History; Grade Method: REG/AUD. 3 credits
0101 (29552) W..... 7:00pm- 9:30pm (KEY 3111) Henretta, J.

HIST839 (PermReq) Seminar in Medieval and Early Modern European History; Grade Method: REG/AUD. 3 credits
0101 (29562) Time and room to be arranged Bados-Rezak, B.

HIST858 Seminar in the History of Great Britain: Seminar in History of Great Britain and British Empire-Commonwealth; Grade Method: REG/AUD. 3 credits
0101 (29572) M..... 7:00pm- 9:30pm (KEY 2119) Price, R.

HIST894 Seminar in American Labor History; Grade Method: REG/AUD. 3 credits
0101 (29583) M..... 4:30pm- 7:00pm (KEY 2119) Kaufman, S.

HIST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

HLHP Health and Human Performance (Health and Human Performance)

HLHP386 (PermReq) Experiential Learning; Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. Formerly PERH 386.* Contact the Center on Aging. 3-6 credits
0101 (29698) Time and room to be arranged Kay, S.
0201 (29699) Time and room to be arranged Hyde, D.

HLHP688 (PermReq) Field Work in Aging; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH Health (Health and Human Performance)

HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD. 3 credits
0101 (29761) TuTh.....12:30pm- 1:45pm (HHP 1303) Beck, K.
0201 (29762) MWF.....10:00am-10:50am (HHP 1312) STAFF

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD. 3 credits
0101 (29772) MWF..... 9:00am- 9:50am (HHP 1303) STAFF
0201 (29773) MWF.....10:00am-10:50am (HHP 1302) STAFF
0301 (29774) MWF.....11:00am-11:50am (HHP 0306) STAFF
0401 (29775) TuTh..... 9:30am-10:45am (HHP 1301) STAFF
0501 (29776) TuTh.....11:00am-12:15pm (HHP 0302) STAFF
0601 (29777) TuTh.....12:30pm- 1:45pm (HHP 1301) STAFF

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD. 2 credits
0301 (29787) Tu..... 8:00am- 9:45am (HHP 0302) STAFF
0302 (29788) Th..... 8:00am- 9:45am (HHP 0302) STAFF

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (29798) MWF.....11:00am-11:50am (HHP 1312) Schiraldi, G.
0201 (29799) MW..... 2:00pm- 3:15pm (HHP 1303) Greenberg, J.
0301 (29800) TuTh.....12:30pm- 1:45pm (HHP 0306) Hyde, D.

HLTH289 Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HLTH289D Topical Investigations: Personal and Community Perspectives on Alchohol and Drug Use; Grade Method: REG/P-F/AUD. This course is limited to residence hall students only. Course meets in Annapolis Hall Multipurpose Room 1102. 3 credits
0101 (29827) TuTh..... 2:00pm- 3:15pm (ANA 1102) Shepherd, K.

HLTH371 Communicating Safety and Health; Grade Method: REG/P-F/AUD. 3 credits
0101 (29837) TuTh.....11:00am-12:15pm (HHP 0305) STAFF

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD. *Formerly HLTH 477.* 3 credits
0101 (29847) TuTh.....11:00am-12:15pm (HHP 1312) Sawyer, R.

HLTH386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

HLTH389 Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HLTH420 (PermReq) Methods and Materials in Health Education; Grade Method: REG/P-F/AUD. *Prerequisites: HLTH 105 or HLTH 140.* 3 credits
0101 (29941) TuTh..... 2:00pm- 3:15pm (HHP 1301) Sawyer, R.
0201 (29942) Tu..... 4:15pm- 6:45pm (HHP 1303) Gilbert, G.

HLTH437 Consumer Behavior; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisites: PSYC 100; and SOCY 100. Also offered as CNEC 437. Credit will be granted for only one of the following: CNEC 437 or HLTH 437.* 3 credits
0101 (29952) TuTh.....11:00am-12:15pm (HHP 0306) Parparian, K.
0201 (29953) MWF..... 9:00am- 9:50am (HHP 1302) Parparian, K.
0301 (29954) MWF.....10:00am-10:50am (HHP 1303) Parparian, K.

HLTH478 Death Education; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 (29964) TuTh..... 2:00pm- 3:15pm (HHP 1312) Leviton, D.

HLTH485 Ways of Knowing About Human Stress and Tension; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: HLTH 285. Not open to students who have completed HLTH 498T.* Student must present unofficial transcript to instructor on the first day of classes. Juniors and seniors only. 3 credits
0101 (29974) M..... 4:15pm- 6:45pm (HHP 0303) Schiraldi, G.

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD. First class meeting is Saturday, January 22. 3 credits
0101 (29984) Sa..... 8:00am- 2:00pm (COL 0100) Leviton, D.

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH498E Special Topics in Health: Laboratory for Stress and Coping; Grade Method: REG/P-F/AUD. 3 credits
0101 (30011) Sa.....10:00am- 1:00pm (HHP 1301) Silbergeld, S.

HLTH498I (PermReq) Special Topics in Health: Internship in Community Health Education; Grade Method: REG. 3 credits
0101 (30021) Time and room to be arranged Lab Desmond, S.

HLTH498J (PermReq) Special Topics in Health: Internship in Community Health; Grade Method: REG/P-F/AUD. 3 credits
0101 (30031) Time and room to be arranged Lab Desmond, S.

HLTH498R (PermReq) Special Topics in Health: Introduction to Community Health; Grade Method: REG/P-F/AUD. Prerequisite: MICB 100 or 200. 3 credits
0101 (30041) TuTh..... 9:30am-10:45am (HHP 0301) Desmond, S.

HLTH498X Special Topics in Health: AIDS Education and Prevention; Grade Method: REG/P-F/AUD. 3 credits
0101 (30051) Tu..... 7:00pm-10:00pm (HHP 1303) Ellis, B.

HLTH600 Seminar in Health; Grade Method: REG/AUD. 1 credit
0101 (30061) Meets 01/24/94-03/21/94 Clearwater, H.
M..... 4:15pm- 6:30pm (HHP 0301)
0101 (30091) Meets 01/24/94-03/21/94 Clearwater, H.
M..... 4:15pm- 6:30pm (HHP 0301)

HLTH605 Foundations of Health Education; Grade Method: REG/AUD. *For health education majors only. Formerly HLTH 740.* 3 credits
0101 (30071) W..... 4:15pm- 6:45pm (HHP 1302) Greenberg, J.

HLTH650 Health Problems in Guidance; Grade Method: REG/AUD. 3 credits
0101 (30081) W..... 4:15pm- 6:45pm (HHP 0307) Jackson, L.

HLTH687 Advanced Seminar; Grade Method: REG/AUD. 1 credit

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH688A (PermReq) Special Problems in Health Education: AIDS Education and Prevention; Grade Method: REG/AUD. 3 credits
0101 (30118) Th..... 7:00pm-10:00pm (HHP 1301) Ellis, B.

HLTH688C Special Problems in Health Education: Community Health Analysis; Grade Method: REG/AUD. 3 credits
0101 (30128) W..... 7:00pm-10:00pm (HHP 0307) Jackson, L.

HLTH688Q (PermReq) Special Problems in Health Education: Quantitative Methods for Health Education; Grade Method: REG/AUD. 3 credits
0101 (30138) M..... 7:00pm- 9:45pm (HHP 0303) Gold, R.

HLTH688W Special Problems in Health Education: Professional Writing and Presentations; Grade Method: REG/AUD. 3 credits
0101 (30148) M..... 4:15pm- 6:45pm (HHP 0302) Gold, R.

HLTH688X Special Problems in Health Education: Stress Management Education: Materials and Methods Practicum; Grade Method: REG/AUD. 3 credits
0101 (30158) M..... 4:00pm- 6:50pm (HHP 0301) Schiraldi, G.

HLTH700 Health Education Ethical Principles and Practices; Grade Method: REG/AUD. *Prerequisite: HLTH 605 or equivalent. For health education majors only.* 1 credit
0101 (30168) Meets 03/28/94-05/09/94 Greenberg, J.
M..... 4:15pm- 6:30pm (HHP 0301)

HLTH720 Scientific Foundations of Health Education; Grade Method: REG. 3 credits
0101 (30178) Tu..... 4:15pm- 6:45pm (HHP 0307) Ellis, B.

HLTH760 Public Health; Grade Method: REG/AUD. 3 credits
0101 (30188) M..... 7:00pm- 9:45pm (HHP 0307) Schulken, E.

HLTH775 (PermReq) Health Education Program Planning and Evaluation; Grade Method: REG/AUD. *Prerequisites: HLTH 710 and permission of department.* 3 credits
0101 (30198) Th..... 4:15pm- 6:45pm (HHP 1301) Beck, K.

HLTH785 (PermReq) Internship in Health Education; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: HLTH 665; and HLTH 775; and HLTH 780 ; or permission of department.* 3 credits

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

HONR Honors (Undergraduate Studies)

ALL HONR courses are open to students enrolled in University Honors and/or Departmental Honors programs and to others by permission of the Director of University Honors. Detailed descriptions of University Honors seminars can be found in the course description brochure available in the Honors Office, Anne Arundel Hall, 1st floor, 405-6771. All Honors courses require approval prior to registration.

HONR118A (PermReq) **Honors Colloquium: Cultural and Historical: In Search of Ancient Astronomies; Grade Method: REG. CORE Distributive Studies Humanities Course. CORE Cultural Diversity Course. USP Distributive Studies Area A: Cultural and Historical Course.** 3 credits
0101 (30303) M..... 6:00pm- 9:00pm (ANA 0120) Dis — Carlson, J.

HONR128T (PermReq) **Honors Colloquium: Natural Sciences and Mathematics: Ethics in Environmental Science; Grade Method: REG. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** 3 credits
0101 (30313) Th..... 6:00pm- 9:00pm (ANA 0120) — James, B.

HONR128U (PermReq) **Honors Colloquium: Natural Sciences and Mathematics: The Space Environment and the Solar-Terrestrial Connection; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** 3 credits
0101 (30323) MW..... 3:00pm- 4:15pm (AVW 3336) — Lopez, R.

HONR128V (PermReq) **Honors Colloquium: Natural Sciences and Mathematics: The Mathematics of Gambling; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** 3 credits
0101 (30333) MWF.....11:00am-11:50am (ANA 0100) — Markley, N.

HONR128X (PermReq) **Honors Colloquium: Natural Sciences and Mathematics: Mechanics of Materials; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. Dr. Dally is a 1993-94 Distinguished Scholar-Teacher.** 4 credits
0101 (30343) MWF..... 9:00am- 9:50am (EGR 2112) — Dally, J.
W..... 2:00pm- 4:00pm (MTH 0411) Lab

HONR128Y (PermReq) **Honors Colloquium: Natural Sciences and Mathematics: Analyzing Software for Critical Systems; Grade Method: REG. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. Dr. Gannon is a 1993-94 Distinguished Scholar-Teacher.** 3 credits
0101 (30353) TuTh..... 3:30pm- 4:45pm (AVW 3336) — Gannon, J.

HONR138A (PermReq) **Honors Colloquium: Literature and the Arts: The World of the Dead Sea Scrolls; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30363) W..... 1:00pm- 4:00pm (ANA 0100) — Cohen, M.

HONR138B (PermReq) **Honors Colloquium: Literature and the Arts: Images of Masculinity in Twentieth Century American Literature and Film; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30373) Tu..... 3:30pm- 6:00pm (SCP 1103) — O'Sullivan, S.

HONR138C (PermReq) **Honors Colloquium: Literature and the Arts: Western World Literature, Renaissance to the Present; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30383) MWF.....11:00am-11:50am (SCP 1105) — Cross, R.

HONR138D (PermReq) **Honors Colloquium: Literature and the Arts: Introduction to Shakespeare; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30393) TuTh..... 9:30am-10:45am (KEY 0103) — Winton, C.

HONR138E (PermReq) **Honors Colloquium: Literature and the Arts: English Literature from 1800 to the Present; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30403) TuTh.....11:00am-12:15pm (SCP 1107) — Cate, G.

HONR138F (PermReq) **Honors Colloquium: Literature and the Arts: Introduction to Literature by Women; Grade Method: REG. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30413) MWF.....11:00am-11:50am (ASY 3219) — Ryan, L.

HONR138G (PermReq) **Honors Colloquium: Literature and the Arts: Literature, Landscape and Heritage; Grade Method: REG. CORE Distributive Studies Humanities Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30423) MW.....11:00am-12:15pm (ANA 0120) — Scarfo, R.

HONR138I (PermReq) **Honors Colloquium: Literature and the Arts: Material Aspects of American Life; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30433) MW..... 9:00am-10:15am (ANA 0100) — Paoletti, J.

HONR138J (PermReq) **Honors Colloquium: Literature and the Arts: The Exile Experience in Modern Literature; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course. Dr. Airozo is the Associate Director of the University Honors Program.** 3 credits
0101 (30443) MW..... 9:00am-10:15am (ANA 0120) — Airozo, J.

HONR138L (PermReq) **Honors Colloquium: Literature and the Arts: The Hebrew Bible, Narrative; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30453) W..... 2:00pm- 4:30pm (JMZ 2117) — Berlin, A.

HONR138M (PermReq) **Honors Colloquium: Literature and the Arts: Shadow Play: An Introduction to Film Studies; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30463) Tu..... 3:30pm- 6:00pm (Arranged) — Lifton, M.

HONR138R (PermReq) **Honors Colloquium: Literature and the Arts: Gender and Performance; Grade Method: REG. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30473) TuTh..... 2:00pm- 3:15pm (COL 3109) — Schuler, C.

HONR138V (PermReq) **Honors Colloquium: Literature and the Arts: Difference and Value in Literary Texts; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30483) Th..... 3:30pm- 6:00pm (ANA 0120) — O'Sullivan, S.

HONR138Y (PermReq) **Honors Colloquium: Literature and the Arts: Shakespeare and Learning; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course.** 3 credits
0101 (30493) TuTh..... 9:30am-10:45am (ANA 0100) — Cartwright, K.

HONR139A (PermReq) **Honors Colloquium: Literature and the Arts: Sexuality and Literature: Oscar Wilde's Texts and Contexts; Grade Method: REG.** 3 credits
0101 (30503) TuTh.....12:30pm- 1:45pm (DNC 1139B) — Cohen, M.

HONR139B (PermReq) **Honors Colloquium: Literature and the Arts: Surrealism: Literature, Art, and Film; Grade Method: REG.** 3 credits
0101 (30513) W..... 1:00pm- 4:00pm (SCP 2120) — Collier, M.

HONR148A (PermReq) **Honors Colloquium: Social and Behavioral Sciences: The Passion of the Educated Mind; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30523) TuTh.....11:00am-12:15pm (ANA 0120) — Splaine, J.

HONR148B (PermReq) **Honors Colloquium: Social and Behavioral Sciences: The Dynamics of Jewish Survival; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30533) W..... 6:00pm- 9:00pm (ASY 3221) — Berlin, G.

HONR148C (PermReq) **Honors Colloquium: Social and Behavioral Sciences: Changing Worlds: Economic, Political, and Social Developments in the Former Soviet Bloc; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30543) M..... 1:00pm- 4:00pm (TYD 2106) — Murrell, P.

HONR148D (PermReq) **Honors Colloquium: Social and Behavioral Sciences: International Perspectives in Education; Grade Method: REG. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30553) Th..... 1:00pm- 4:00pm (Arranged) — Greenberg, J.

HONR148F (PermReq) **Honors Colloquium: Social and Behavioral Sciences: America's Families: Past to Present; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30563) MW..... 2:00pm- 3:15pm (ASY 3219) — Schwartz, M.

HONR148H (PermReq) **Honors Colloquium: Social and Behavioral Sciences: Deviance and Disability in Context; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30573) MW..... 2:00pm- 3:30pm (TWS 0138) — Leone, P.

HONR148L (PermReq) **Honors Colloquium: Social and Behavioral Sciences: Conflict, Cooperation, and Strategy; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30583) W..... 1:00pm- 4:00pm (TYD 2106) — Schelling, T.

HONR148M (PermReq) **Honors Colloquium: Social and Behavioral Sciences: The Idea of City Planning; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Dr. Kolson is Deputy to the Director of Research Programs, National Endowment for the Humanities.** 3 credits
0101 (30593) Tu..... 7:00pm- 9:30pm (ANA 0120) — Kolson, K.

HONR148O (PermReq) **Honors Colloquium: Social and Behavioral Sciences: The Military and the Media in American History; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Dr. William Hammond, Author- Historian, Center of Military History, U.S. Army.** 3 credits
0101 (30603) W..... 5:00pm- 7:30pm (ANA 0100) — Hammond, W.

HONR148Q (PermReq) **Honors Colloquium: Behavioral and Social Sciences: Responsibility and Irresponsibility and the News Media; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30613) W..... 1:00pm- 4:00pm (ANA 0120) — Stapp, C.

HONR148R (PermReq) **Honors Colloquium: Social and Behavioral Sciences: Critical Issues and the African-American Experience in the Americas; Grade Method: REG. CORE Distributive Studies Social or Political History Course. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30623) M..... 1:00pm- 3:30pm (ANA 0100) — Smead, E.

HONR148U (PermReq) **Honors Colloquium: Social and Behavioral Sciences: The World-wide Implications of Infectious Disease; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30633) TuTh..... 2:00pm- 3:15pm (ANA 0100) — Hohenhaus, G.

HONR148W (PermReq) **Honors Colloquium: Social and Behavioral Science: America in the 1960's; Grade Method: REG. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30643) W..... 7:30pm-10:00pm (ANA 0100) — Newman, J.

HONR148Y (PermReq) **Honors Colloquium: Social and Behavioral Sciences: The Legacy of Thomas Jefferson; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30653) Tu..... 3:30pm- 5:30pm (ANA 0100) — Kaplan, L.

HONR149A (PermReq) **Honors Colloquium: Social and Behavioral Sciences: World Population Growth; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course.** 3 credits
0101 (30663) TuTh..... 2:00pm- 3:15pm (ASY 3217) — Kahn, J.

HONR149B (PermReq) **Honors Colloquium: Social and Behavioral Sciences: Explaining David Koresh and Jim Jones; Grade Method: REG.** 3 credits
0101 (30673) M..... 3:00pm- 5:30pm (WDS 1127) — Stuart, W.

HONR200 (PermReq) **Sophomore Honors Colloquium; Grade Method: S-F.** *Prerequisite: permission of University Honors Program. For University Honors Program sophomores only. Sophomore standing.* **This course is only open to students admitted in Fall 1992. This course is offered in the spring semester only.** 1 credit
0101 (30683) TBA (ANA 0103) Dis — Lawrence, J.
0201 (30684) TBA (ANA 0103) Dis — Lawrence, J.
0301 (30685) TBA (ANA 0103) Dis — Lawrence, J.
0401 (30686) TBA (ANA 0103) Dis — Lawrence, J.
0501 (30687) TBA (ANA 0103) Dis — Lawrence, J.

HONR338A (PermReq) **Honors Seminar: Literature and the Arts: A Different Way of Seeing: Native American Perception; Grade Method: REG. USP Distributive Studies Area C: Literature and the Arts Course. At times class will meet beyond the scheduled time.** 3 credits
0101 (30697) F..... 3:00pm- 5:00pm (ANA 0120) — Niese, H.

HONR348E (PermReq) **Honors Seminar: Social and Behavioral Sciences: Presidential Leadership Styles; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Dr. Burns is the 1993-94 Honors Scholar-in-Residence.** 3 credits
0101 (30707) M..... 2:00pm- 4:30pm (ANA 0120) — Burns, J.

HONR348F (PermReq) **Honors Seminar: Social and Behavioral Sciences: Women and the Media; Grade Method: REG. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30717) TuTh.....11:00am-12:15pm (JRN 1116) — Beasley, M.

HONR348G (PermReq) **Honors Seminar: Social and Behavioral Sciences: Military Families; Grade Method: REG. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** 3 credits
0101 (30727) Tu..... 3:30pm- 6:00pm (ASY 3215) — Segal, M.

HONR368A (PermReq) **Advanced Honors Seminar: Development of Knowledge: Deception and the Individual in the World of Hieronymus Bosch; Grade Method: REG. USP Advanced Studies Development of Knowledge Course.** 3 credits
0101 (30737) Th..... 2:00pm- 4:30pm (ASY 3219) — Farquhar, J.

HONR368B (PermReq) **Honors Seminar: Development of Knowledge: Dance in World Culture; Grade Method: REG. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** 3 credits
0101 (30747) TuTh..... 3:30pm- 4:45pm (DNC 1143) — Frosch-Schroder

HONR368D (PermReq) **Honors Seminar: Development of Knowledge: Ideas in Architecture; Grade Method: REG. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Dr. Bechhoefer is a 1993-94 Distinguished Scholar-Teacher.** 3 credits
0101 (30757) M.....10:00am-11:00am (ARC 1105) — Bechhoefer, W.
W.....10:00am-12:00pm (ASY 3221)

HONR368N (PermReq) **Advanced Honors Seminar: Development of Knowledge: History and Literature of 17th Century Britain; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. This course will be team-taught by Marvin Breslow and Morris Freedman.** 3 credits
0101 (30767) Tu..... 3:30pm- 6:00pm (ANA 0120) — Breslow, M.

HONR368O (PermReq) **Advanced Honors Seminar: Development of Knowledge: Decisionmaking; Grade Method: REG. USP Advanced Studies Development of Knowledge Course.** 3 credits
0101 (30777) TuTh.....12:30pm- 1:45pm (ANA 0100) — Hanna, W.

HONR378A (PermReq) **Honors Seminar: Analysis of Human Problems: Lawyers and the Adversary System; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (30787) F..... 9:30am-12:00pm (ANA 0120) — Pavela, G.

HONR378C (PermReq) **Honors Seminar: Analysis of Human Problems: Diplomacy in a Changing World: International Relations in the 20th Century; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (30797) W..... 2:00pm- 4:30pm (KEY 0116) — Kent, G.

HONR378E (PermReq) **Honors Seminar: Analysis of Human Problems: Science and Society; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Dr. McIntosh is a 1993-94 Distinguished Scholar-Teacher.** 3 credits
0101 (30807) TuTh..... 9:30am-10:45am (ANA 0120) — McIntosh, M.

HONR378M (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: Communal Conflict and Revolution in the Post-Cold War Era; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (30817) Th..... 2:00pm- 4:45pm (LEF 2138H) — Gurr, T.

HONR378R (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: Sociology of Revolutions; Grade Method: REG. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Dr. Crawford is the Executive Director of the Center for International Security Studies at Maryland.** 3 credits
0101 (30827) Tu..... 6:00pm- 9:00pm (ANA 0100) — Crawford, S.

HONR378V (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: After the Earth Summit: The Evolution of International Environmental Policy; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. Dr. Preston is a 1993-94 Distinguished Scholar-Teacher.** 3 credits
0101 (30837) Tu..... 2:00pm- 5:00pm (VMH 4439) — Preston, L.

HONR378W (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: The MacDonaldization of Society; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (30847) TuTh.....12:30pm- 1:45pm (ANA 0120) — Ritzer, G.

HONR378X (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: The United States and the New World Disorder; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (30857) M..... 1:00pm- 3:30pm (JRN 1105) — Scully, E.

HONR378Y (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: Hiroshima: Politics, Ethics, and Memory; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (30867) W..... 6:30pm- 9:45pm (LEF 1201) — Alperovitz, G.

HONR378Z (PermReq) **Advanced Honors Seminar: Analysis of Social and Ethical Problems: Human Rights and Governments in Latin America; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course.** 3 credits
0101 (30877) M..... 2:00pm- 4:45pm (LEF 1201) — Kaufman, E.

HONR379 (PermReq) **Honors Independent Study; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Available only to University honors students.** 3 credits

HONR379A (PermReq) **Honors Independent Study: Writing Workshop; Grade Method: S-F. Students may register for more than 3 credits with permission of instructor. Writing Workshop may be repeated, for a total of 6 credits, with permission of instructor.** 3-6 credits
0101 (30888) Th..... 3:30pm- 6:30pm (ANA 0100) — Solari, R.

HONR388 (PermReq) **Honors Thesis or Project; Grade Method: REG/P-F/AUD.** 3-6 credits
0101 (30898) Time and room to be arranged Dis — Lawrence, J.

HORT Horticulture (Agriculture)

HORT100 **Introduction to Horticulture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: BIOL 105.* 4 credits
0101 (30969) TuTh..... 4:00pm- 4:50pm (HZF 1102) — McClurg, C.
Th..... 9:00am-12:00pm (HAR 1112) Lab
Tu..... 5:00pm- 5:50pm (HZF 1108) Dis
0102 (30990) TuTh..... 4:00pm- 4:50pm (HZF 1102) — McClurg, C.
Th..... 1:00pm- 4:00pm (HAR 1112) Lab
Tu..... 5:00pm- 5:50pm (HZF 1106) Dis
0103 (30991) TuTh..... 4:00pm- 4:50pm (HZF 1102) — McClurg, C.
Th..... 6:00pm- 9:00pm (HAR 1112) Lab
Tu..... 5:00pm- 5:50pm (HZF 1102) Dis

HORT161 (PermReq) **Design Fundamentals; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department. For HORT majors only.* 3 credits
0101 (31001) MW..... 2:00pm- 5:00pm (HZF 0126H) Lab — Hilsenrath, E.
0102 (31002) MW..... 2:00pm- 5:00pm (HZF 2106) Lab — Hilsenrath, E.

HORT202 **Management of Horticultural Crops; Grade Method: REG/P-F/AUD.** *Prerequisite: HORT 100. Recommended: BIOL 105.* **Section 0101 instructors are F. Gouin and J. Bouwkamp.** 4 credits
0101 (31012) TuTh.....10:30am-11:45am (HZF 1108) — Bouwkamp, J.
Tu..... 1:00pm- 4:00pm (HAR 1105) Lab

HORT361 **Principles of Landscape Design; Grade Method: REG/P-F/AUD.** *Prerequisite: HORT 260; and DESN 101.* 3 credits
0101 (31022) Tu..... 9:00am- 9:50am (HZF 2106) — Pihlak, M.
Tu.....10:00am-12:00pm (HZF 2106) Lab
Th..... 9:00am-11:00am (HZF 2106) Lab

HORT370 **History of Landscape Architecture; Grade Method: REG/P-F/AUD.** *Prerequisite: HORT 260.* 2 credits
0101 (31032) TuTh..... 2:00pm- 3:00pm (HZF 1108) — Pihlak, M.

HORT386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisites: HORT 201, HORT 202, HORT 271. For HORT majors only. Repeatable to 6 credits if content differs.* 3-6 credits

HORT398 **Seminar; Grade Method: REG/P-F/AUD. Senior standing. Horticultural majors only. Course is co-taught with Timothy J. Ng.** 1 credit
0101 (31062) W..... 4:00pm- 4:50pm (HZF 1106) — Bouwkamp, J.

HORT399 (PermReq) **Special Problems in Horticulture; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** 2 credits

HORT454 **Woody Plant Materials II; Grade Method: REG/P-F/AUD.** *Prerequisite: BOTN 212.* 3 credits
0101 (31093) MF..... 1:00pm- 1:50pm (SYM 0200) — Mityga, M.
W..... 1:00pm- 4:00pm (HZF 0126B) Lab

HORT456 **Nursery Crop Production; Grade Method: REG/P-F/AUD.** *Pre- or corequisites: HORT 201; and HORT 202; and HORT 271.* **Four mandatory all day Saturday laboratories are to be arranged.** 3 credits

0101 (31103) Tu..... 5:00pm- 7:00pm (HZF 2106) Gouin, F.
Time and room to be arranged Lab

HORT462 Urban Landscape Design; Grade Method: REG/P-F/AUD. *Prerequisite: HORT 361 and either HORT 453 or HORT 454. Corequisite: HORT 452.* 4 credits
0101 (31113) TuTh.....12:30pm- 1:30pm (HZF 2106) Pihlak, M.
TuTh..... 1:30pm- 3:50pm (HZF 2106) Lab

HORT465 Landscape Structures and Materials; Grade Method: REG/P-F/AUD. *Prerequisite: HORT 464.* 3 credits
0101 (31123) MW.....10:00am-10:50am (HZF 0128B) Hamed, S.
M.....11:00am-12:50pm (HZF 0128B) Lab

HORT468 Advanced Landscape Design; Grade Method: REG/AUD. *Prerequisites: HORT 462; and HORT 465; and HORT 452.* 3 credits
0101 (31133) Tu..... 8:00am- 9:50am (HZF 0126N) STAFF
Th..... 8:00am-10:50am (HZF 0126N) Lab

HORT467 Professional Practices; Grade Method: REG/P-F/AUD. *Prerequisites: (HORT 464 and HORT 465) or permission of department. For HORT, ARCH, ENCE, and URSP majors only.* 3 credits
0101 (31143) Tu..... 9:00am-11:30am (HZF 0128B) Hamed, S.

HORT469 Projects in Landscape Architecture II; Grade Method: REG/P-F/AUD. 3 credits
0101 (31153) TuTh..... 9:00am-10:15am (HZF 0128B) Scarfo, R.

HORT689P (PermReq) Special Topics in Horticulture: Landscape Issues; Grade Method: REG/AUD. 3 credits
3401 (31163) TBA (HZF 2103) Scarfo, R.

HORT699 (PermReq) Special Problems in Horticulture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HORT798 Advanced Seminar; Grade Method: S-F/AUD. 1 credit
0101 (31191) M..... 4:00pm- 4:50pm (HZF 1102) Quebedeaux, B.

HORT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HORT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

HSAD Housing and Design (Arts and Humanities)

HSAD440 Interior Design III; Grade Method: REG. *Prerequisite: HSAD 344. For interior design majors only.* Class meets first 8 weeks: Jan 18-March 11. Attendance on the first day of classes is mandatory. This is the last time course will be offered. 4 credits
0101 (31282) Meets 01/18/94-03/11/94 STAFF
MWF..... 1:30pm- 5:30pm (MMH 1108) Lab

HSAD441 Interior Design IV; Grade Method: REG. *Prerequisite: HSAD 440. For interior design majors only.* Class meets second 8 weeks: March 21- May 9. Attendance on the first day of classes is mandatory. This is the last time course will be offered. 4 credits
0101 (31292) Meets 03/21/94-05/09/94 STAFF
MWF..... 1:30pm- 5:30pm (MMH 1108) Lab

ITAL Italian (Arts and Humanities)

Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building. For help in placement advising, see Dr. Charles Russell.

ITAL101 Elementary Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.* 4 credits
0101 (31342) MWF..... 9:00am- 9:50am (JMZ 3120) STAFF
Tu..... 9:00am- 9:50am (JMZ 2120) Lab
0201 (31343) MWF.....10:00am-10:50am (JMZ 0103) STAFF
Tu.....10:00am-10:50am (JMZ 0122) Lab
0301 (31344) MWF.....11:00am-11:50am (JMZ 0103) STAFF
Tu.....11:00am-11:50am (JMZ 0122) Lab
0401 (31345) MWF.....12:00pm-12:50pm (JMZ 3120) STAFF
Tu.....12:00pm-12:50pm (JMZ 0122) Lab

ITAL102 Elementary Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: ITAL 101 or permission of department.* 4 credits
0101 (31355) MWF..... 9:00am- 9:50am (JMZ 2125) STAFF
Th..... 9:00am- 9:50am (JMZ 2120) Lab
0201 (31356) MWF.....12:00pm-12:50pm (JMZ 2125) STAFF
Th.....12:00pm-12:50pm (JMZ 1224) Lab

ITAL121 Accelerated Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.* 3 credits
0101 (31366) MWF..... 9:00am- 9:50am (JMZ 3118) Amodeo, S.

ITAL121H Accelerated Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.* 3 credits
0101 (31376) MWF..... 9:00am- 9:50am (JMZ 3118) Amodeo, S.

ITAL122 Accelerated Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: ITAL 121 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.* 3 credits
0101 (31386) MWF.....10:00am-10:50am (JMZ 2122) Amodeo, S.

ITAL122H Accelerated Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: ITAL 121 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.* 3 credits
0101 (31396) MWF.....10:00am-10:50am (JMZ 2122) Amodeo, S.

ITAL203 Intermediate Italian; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: ITAL 102 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.* 4 credits
0101 (31406) MWF.....10:00am-10:50am (JMZ 0122) STAFF
Th.....10:00am-10:50am (JMZ 0122) Lab

ITAL204 Review Grammar and Composition; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: ITAL 203 or ITAL 122, or permission of department.* 3 credits
0101 (31416) MWF.....10:00am-10:50am (JMZ 2102) Russell, C.

ITAL211 Intermediate Conversation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: ITAL 203 or permission of department. Not open to native speakers.* 3 credits
0101 (31426) MWF..... 1:00pm- 1:50pm (JMZ 2120) Russell, C.

ITAL241 Modern Italian Women Writers - in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. 3 credits
0101 (31436) MWF.....11:00am-11:50am (JMZ 2123) Hessberger, R.

ITAL301 Composition and Style; Grade Method: REG/P-F/AUD. *Prerequisite: ITAL 204 or permission of department.* 3 credits
0101 (31446) MWF..... 1:00pm- 1:50pm (JMZ 2122) Amodeo, S.

ITAL352 Italian Literature From the Renaissance to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: ITAL 251 or permission of department.* 3 credits
0101 (31456) MWF.....12:00pm-12:50pm (JMZ 3118) Falvo, J.

ITAL399 (PermReq) Directed Study in Italian; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. 1-3 credits

ITAL411 Dante - in Translation; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Credit will be granted for only one of the following: ITAL 411 or ITAL 412.* Class is taught in English. 3 credits
0101 (31469) MWF.....10:00am-10:50am (JMZ 2123) Russell, C.

ITAL412 Dante - in Italian; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Credit will be granted for only one of the following: ITAL 411 or ITAL 412.* Meets one additional hour per week. See department for details. 3 credits
0101 (31479) MWF.....10:00am-10:50am (JMZ 2123) Russell, C.

ITAL421 The Italian Renaissance; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Credit will be granted for only one of the following: ITAL 421 or ITAL 422. Formerly ITAL 410.* 3 credits
0101 (31489) MWF..... 1:00pm- 1:50pm (JMZ 2123) Falvo, J.

ITAL422 The Italian Renaissance - in Italian; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Credit will be granted for only one of the following: ITAL 421 or ITAL 422.* Meets one additional hour per week. See department for details. 3 credits
0101 (31499) MWF..... 1:00pm- 1:50pm (JMZ 2123) Falvo, J.

ITAL499 Special Topics in Italian Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

IVSP Individual Studies Program (Undergraduate Studies)

IVSP317 (PermReq) Progress Report; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major.* The department representative to contact is the Assistant Dean for Undergraduate Studies. 1 credit

IVSP318 (PermReq) Independent Learning Activities; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For IVSP majors only. The department representative to contact is the Assistant Dean for Undergraduate Studies. 1-6 credits

IVSP420 (PermReq) Senior Paper; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major. For IVSP majors only.* The department representative to contact is the Assistant Dean for Undergraduate Studies. 3 credits

JAPN Japanese (Arts and Humanities)

JAPN102 Elementary Japanese II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: JAPN 101 or equivalent.* 6 credits
01=1 (32041) MWF..... 9:00am- 9:50am (JMZ 0125) Nakao, M.
MWF.....10:00am-10:50am (JMZ 1109) Dis
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0102 (32042) MWF..... 9:00am- 9:50am (JMZ 0125) Nakao, M.
MWF.....10:00am-10:50am (JMZ 0120) Dis
0201 (32043) MWF.....11:00am-11:50am (JMZ 0120) Ramsey, S.
MWF.....12:00pm-12:50pm (JMZ 0120) Dis
0202 (32044) MWF.....11:00am-11:50am (JMZ 0120) Ramsey, S.
MWF.....12:00pm-12:50pm (JMZ 0125) Dis
0301 (32045) MWF.....11:00am-11:50am (COL 3110) Nakao, M.
MWF.....12:00pm-12:50pm (COL 3110) Dis
0302 (32046) MWF.....11:00am-11:50am (COL 3110) Nakao, M.
MWF.....12:00pm-12:50pm (COL 3114) Dis

JAPN206 Intermediate Japanese II; Grade Method: REG/P-F. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: JAPN 205 or equivalent. Not open to students who have completed JAPN 203 and JAPN 204.* 6 credits
0101 (32056) MWF..... 9:00am-10:50am (COL 3110) Sano, T.
0201 (32057) MWF.....10:00am-11:50am (HBK 0123) Miura, E.

JAPN302 Advanced Japanese II; Grade Method: REG/P-F/AUD. *Prerequisite: JAPN 301 or equivalent.* 3 credits
0101 (32067) MWF..... 9:00am- 9:50am (JMZ 2102) Miura, E.

JAPN304 Business Japanese II; Grade Method: REG/P-F/AUD. *Prerequisite: JAPN 303 or equivalent.* 3 credits
0101 (32077) MWF.....11:00am-11:50am (COL 3112) Sano, T.

JAPN402 Readings in Modern Japanese II; Grade Method: REG/P-F/AUD. *Prerequisite: JAPN 401 or equivalent.* 3 credits
0101 (32087) MW..... 2:00pm- 3:15pm (JMZ 0120) Kerkham, H.

JAPN418 Japanese Literature in Translation: Japanese Literature and Film; Grade Method: REG/P-F/AUD. 3 credits
0101 (32097) M..... 3:30pm- 6:00pm (JMZ 0105) Kerkham, H.

JAPN422 Introductory Japanese Linguistics; Grade Method: REG/P-F/AUD. 3 credits
0101 (32107) MW.....12:00pm- 1:15pm (JMZ 1211) Ramsey, S.

JAPN499 Directed Study in Japanese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

JOUR Journalism (Journalism)

JOUR100 Introduction to Mass Communication; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
01=2 (32170) Tu..... 2:00pm- 3:15pm (JRN 1104) Gomery, D.
Th..... 2:00pm- 3:15pm (JRN 1104) Dis
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

JOUR100H (PermReq) Introduction to Mass Communication; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (32180) Tu..... 2:00pm- 3:15pm (JRN 1104) Gomery, D.
Tu..... 3:30pm- 4:45pm (JRN 1116) Dis

JOUR101 Professional Orientation; Grade Method: REG. *Formerly JOUR 001.* Required for JOUR majors but open to campus enrollment. Class meets 15 sessions (1/2 semester). Check syllabus on first day of classes for exact schedule. Limited to students with less than 75 credits. 1 credit
0101 (32190) MW..... 9:00am- 9:50am (TWS 2154) McAdams, K.

JOUR101H Professional Orientation; Grade Method: REG/P-F/AUD. *Formerly JOUR 001.* 1 credit
0101 (32200) MW..... 9:00am- 9:50am (TWS 2154) McAdams, K.
F..... 9:00am- 9:50am (JRN 1116) Dis

JOUR198 (PermReq) Survey Apprenticeship; Grade Method: S-F. Students must report to JRN 1118 to meet with instructor before add/drop period ends. For JOUR majors only. 1 credit
0101 (32210) Time and room to be arranged Stewart, G.

JOUR201 Writing For Mass Media; Grade Method: REG. *Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute wordprocessing ability, and grammar competency demonstrated by a score of 52 or higher on the TSWE.* A proficiency test for applicability of JOUR 201 credit taken at another institution will be given on January 14, 2-4pm in JRN 3111. Register for the proficiency test in JRN 1119. All students in JOUR 201 must have earned a minimum of 28 credits. A 5-minute wordprocessing (WordPerfect) test is given in class during the first week. Students must score a minimum of 30 words per minute or they will be dropped from the course. 3 credits
0101 (32220) M.....12:00pm- 2:00pm (JRN 3111) Hendrix, S.
W.....12:00pm- 2:00pm (JRN 3111) Lab
0201 (32221) Tu..... 8:00am-10:00am (JRN 3103) STAFF
Th..... 8:00am-10:00am (JRN 3103) Lab
0301 (32222) M.....12:00pm- 2:00pm (JRN 3103) Rogers, C.
W.....12:00pm- 2:00pm (JRN 3103) Lab
0401 (32223) Tu..... 4:00pm- 6:00pm (JRN 3103) STAFF
Th..... 4:00pm- 6:00pm (JRN 3103) Lab
0501 (32224) Tu..... 2:00pm- 4:00pm (JRN 3111) STAFF
Th..... 2:00pm- 4:00pm (JRN 3111) Lab

JOUR202 Editing For the Mass Media; Grade Method: REG. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Must have at least 28 credit hours earned. 3 credits
0101 (32234) Tu..... 8:00am-10:00am (JRN 3102) STAFF
Th..... 8:00am-10:00am (JRN 3102) Lab
0201 (32235) Tu.....12:00pm- 2:00pm (JRN 3111) STAFF
Th.....12:00pm- 2:00pm (JRN 3111) Lab
0301 (32236) Tu..... 6:00pm- 8:00pm (JRN 3103) STAFF
Th..... 6:00pm- 8:00pm (JRN 3103) Lab
0401 (32237) M.....10:00am-12:00pm (JRN 3103) STAFF
W.....10:00am-12:00pm (JRN 3103) Lab
0501 (32238) M.....12:00pm- 2:00pm (JRN 3102) STAFF
W.....12:00pm- 2:00pm (JRN 3102) Lab
0601 (32239) M..... 6:00pm- 8:00pm (JRN 3102) STAFF
W..... 6:00pm- 8:00pm (JRN 3102) Lab

JOUR320 News Reporting; Grade Method: REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* 3 credits
0101 (32249) Tu..... 6:00pm- 8:00pm (JRN 3111) STAFF
Th..... 6:00pm- 8:00pm (JRN 3111) Lab
0201 (32250) Tu..... 4:00pm- 6:00pm (JRN 3111) STAFF
Th..... 4:00pm- 6:00pm (JRN 3111) Lab
0301 (32251) W..... 8:00am-10:00am (JRN 3111) Sheler, J.
F..... 8:00am-10:00am (JRN 3111) Lab

JOUR322 Advanced Reporting: Beats and Investigation; Grade Method: REG/P-F/AUD. *Prerequisite: JOUR 320.* 3 credits
0101 (32261) W.....10:00am-12:00pm (JRN 1116) Stepp, C.
Time and room to be arranged Lab

JOUR325 Reporting from Annapolis and Washington; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department. Corequisite: JOUR 462.* 6 credits
0101 (32271) Time and room to be arranged Lab Harvey, C.
0201 (32272) Time and room to be arranged Lab Fibich, L.

JOUR326 (PermReq) Supervised Internship - News Editorial; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202 and JOUR 320 and permission of department. For JOUR majors only.* Three class meetings during the semester; February 1, April 5, and May 3. Mandatory attendance is required. 3 credits
0101 (32282) Tu..... 7:30pm- 9:30pm (JRN 2114) Stewart, G.
Time and room to be arranged Lab

JOUR330 Public Relations Theory; Grade Method: REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* This course is restricted to JOUR majors with code 0602F or code 0601F and BMGT 0515A and BMGT 05090. All others must have authorization. 3 credits
0101 (32292) MW..... 2:00pm- 3:15pm (JRN 1104) Grunig, J.

JOUR331 Public Relations Techniques; Grade Method: REG. *Prerequisites: JOUR 330; and grade of C or better in JOUR 202.* 3 credits
0101 (32302) M..... 4:00pm- 6:00pm (JRN 3103) Rogers, C.
W..... 4:00pm- 6:00pm (JRN 3103) Lab
0201 (32303) M..... 6:00pm- 8:00pm (JRN 3103) STAFF
W..... 6:00pm- 8:00pm (JRN 3103) Lab

JOUR336 (PermReq) Supervised Internship - Public Relations; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202, JOUR 330, and JOUR 331 and permission of department. For JOUR majors only.* Three class meetings during the semester; February 2, April 6, and May 4. Mandatory attendance is required. 3 credits
0101 (32313) W..... 7:30pm- 9:30pm (JRN 1105) Stewart, G.
Time and room to be arranged Lab

JOUR340 Advertising Communication; Grade Method: REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Majors only and BMGT 0515A and BMGT 05090. 3 credits
0101 (32323) TuTh..... 3:30pm- 4:45pm (JRN 1105) Keenan, K.

JOUR341 Advertising Techniques; Grade Method: REG. *Prerequisites: JOUR 340; and grade of C or better in JOUR 202.* 3 credits
0101 (32333) M..... 2:00pm- 4:00pm (JRN 3111) Zenot, E.
W..... 2:00pm- 4:00pm (JRN 3111) Lab
0201 (32334) M.....10:00am-12:00pm (JRN 3111) Zenot, E.
W.....10:00am-12:00pm (JRN 3111) Lab

JOUR342 Advertising Media Planning; Grade Method: REG/P-F/AUD. *Prerequisite: JOUR 340.* 3 credits
0101 (32344) Tu..... 9:30am-10:45am (JRN 3111) Keenan, K.
Th..... 9:30am-10:45am (JRN 3111) Lab

JOUR348 (PermReq) Supervised Internship - Advertising; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, JOUR 340, and either JOUR 341 or JOUR 342, and permission of department. For JOUR majors only.* Three class meetings during the semester; January 31, April 4, and May 2. Mandatory attendance is required. 3 credits
0101 (32354) M..... 7:30pm- 9:30pm (JRN 1105) Stewart, G.
Time and room to be arranged Lab

JOUR360 Broadcast News I; Grade Method: REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* 3 credits
0101 (32364) W.....10:00am-12:00pm (JRN 1105) Holman, B.
W..... 2:00pm- 4:00pm (JRN 3103) Lab
0102 (32365) W.....10:00am-12:00pm (JRN 1105) Holman, B.
M..... 2:00pm- 4:00pm (JRN 3103) Lab

JOUR361 Broadcast News II; Grade Method: REG. *Prerequisite: JOUR 360.* Majors only. Students 3 credits

will spend several hours per week on field assignments, in addition to scheduled class sessions and should estimate lab costs at approximately $50.

0101 (32375) Tu..... 4:00pm- 5:30pm (JRN 1104) Rhodes, C.
M.....10:00am- 4:00pm (JRN 3120) Lab
0102 (32376) Tu..... 4:00pm- 5:30pm (JRN 1104) Rhodes, C.
Tu.....10:00am- 4:00pm (JRN 3120) Lab
0103 (32377) Tu..... 4:00pm- 5:30pm (JRN 1104) Rhodes, C.
W.....10:00am- 4:00pm (JRN 3120) Lab
0104 (32378) Tu..... 4:00pm- 5:30pm (JRN 1104) Rhodes, C.
Th.....10:00am- 4:00pm (JRN 3120) Lab

JOUR362 Broadcast News Management; Grade Method: REG/P-F/AUD. *Prerequisite: JOUR 360.* 3 credits
0101 (32388) M.....10:00am-12:00pm (JRN 1103) Harvey, K.
Time and room to be arranged Lab

JOUR365 Theory of Broadcast Journalism; Grade Method: REG/P-F/AUD. 3 credits
0101 (32398) TuTh.....11:00am-12:15pm (JRN 1105) Ferguson, M.

JOUR366 (PermReq) Supervised Internship - Broadcast News; Grade Method: REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, and JOUR 360 and permission of department. Recommended: JOUR 361 for television internship.* Three class meetings during the semester; February 3, April 7, and May 5. Mandatory attendance is required. 3 credits
0101 (32408) Th..... 7:30pm- 9:30pm (JRN 2114) Stewart, G.
Time and room to be arranged Lab

JOUR371 Magazine Article and Feature Writing; Grade Method: REG. *Prerequisite: JOUR 320.* Majors only. 3 credits
0101 (32418) M..... 4:00pm- 7:00pm (JRN 3111) Paterson, J.
0201 (32419) Th..... 6:00pm- 9:00pm (JRN 3102) STAFF

JOUR373 Graphics; Grade Method. REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 202.* Majors only. Limited to students with major codes 0601D, 0602D, 0601C or 0602C. All other 0601's and 0602's will be placed on a hold file and given available seats at the beginning of the semester. 3 credits
0101 (32429) M.....10:00am-12:00pm (JRN 3102) Roche, J.
W.....10:00am-12:00pm (JRN 3102) Lab
0201 (32430) M..... 4:00pm- 6:00pm (JRN 3102) Roche, J.
W..... 4:00pm- 6:00pm (JRN 3102) Lab

JOUR398 (PermReq) Independent Study; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

JOUR400 Law of Mass Communication; Grade Method: REG/P-F/AUD. Restricted to students with 55 credits completed. 3 credits
0101 (32466) Tu..... 7:00pm- 9:45pm (LEF 2205) STAFF

JOUR450 Mass Media in Society; Grade Method: REG/P-F/AUD. 3 credits
0101 (32476) TuTh.....11:00am-12:15pm (JRN 1104) Gurevitch, M.

JOUR452 Women in the Media; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. 3 credits
0101 (32486) TuTh.....11:00am-12:15pm (JRN 1116) Beasley, M.

JOUR459C Special Topics in Mass Communication: Technology and the Media; Grade Method: REG/P-F/AUD. 3 credits
0101 (32496) W..... 4:00pm- 7:00pm (JRN 3111) Newhagen, J.

JOUR459D Special Topics in Mass Communication: Politics and the Media; Grade Method: REG/P-F/AUD. 3 credits
0101 (32506) TuTh..... 2:00pm- 3:15pm (JRN 1105) Ferguson, M.

JOUR459F Special Topics in Mass Communication: Literature of Foreign Correspondence; Grade Method: REG/P-F/AUD. This course is open to all students with 53 semester hours completed. 3 credits
0101 (32516) TuTh..... 9:30am-10:45am (JRN 1104) Paterson, J.

JOUR462 (PermReq) Professional Seminar in Public Affairs Reporting; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* 3 credits
0101 (32526) M..... 8:00am-11:00am (LEF 1210) Callahan, C.

JOUR477 Mass Communication Research; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence.* Restricted to students with 53 credits completed. 3 credits
0101 (32536) TuTh.....12:30pm- 1:45pm (JRN 1104) McAdams, K.
0201 (32537) MW.....12:30pm- 1:45pm (JRN 1104) Roche, J.

JOUR481 Writing the Complex Story; Grade Method: REG. *Pre- or corequisite: JOUR 371.* 3 credits
0101 (32547) M..... 7:30pm-10:30pm (Arranged) Weiner, T.

JOUR483 Senior Seminar in Public Relations; Grade Method: REG/P-F/AUD. *Prerequisite: JOUR 331; and JOUR 477.* 3 credits
0101 (32557) M..... 9:30am-10:45am (JRN 1104) Hon, L.
W..... 9:30am-10:45am (JRN 1104) Dis
0102 (32558) M..... 9:30am-10:45am (JRN 1104) Hon, L.
F..... 9:30am-10:45am (JRN 1104) Dis

JOUR484 Advertising Campaigns; Grade Method: REG/P-F/AUD. *Prerequisite: JOUR 341; and JOUR 342.* Majors only. Must have at least 56 credits earned. 3 credits
0101 (32568) Th..... 6:00pm- 9:00pm (JRN 1104) Plumb, J.

JOUR486 Advanced Television Journalism; Grade Method: REG/P-F/AUD. *Prerequisite: JOUR 361 or permission of department.* 3 credits
0101 (32579) M..... 9:00am-12:00pm (JRN 1103) Holman, B.

JOUR502 Reporting for Graduate Students; Grade Method: REG/AUD. *Prerequisite: JOUR 501 or permission of department.* 3 credits
0101 (32589) Tu..... 2:00pm- 4:00pm (JRN 3103) Stepp, C.
Th..... 2:00pm- 4:00pm (JRN 3103)

JOUR600 Research Methods in Mass Communication; Grade Method: REG/AUD. 3 credits
0101 (32599) Tu..... 9:30am-11:00am (JRN 1116) McAdams, K.
Th..... 9:30am-11:00am (JRN 1116) Dis

JOUR601 Theories of Mass Communication; Grade Method: REG/AUD. 3 credits
0101 (32609) M..... 6:00pm- 9:00pm (JRN 1116) Gurevitch, M.

JOUR631 Seminar in Public Relations Publics; Grade Method: REG/AUD. 3 credits
0101 (32619) M..... 2:00pm- 5:00pm (JRN 1116) Grunig, L.

JOUR632 Research Design in Public Relations; Grade Method: REG/AUD. 3 credits
0101 (32629) Tu.....12:30pm- 3:30pm (JRN 1116) Grunig, L.

JOUR680 Science Communication; Grade Method: REG/AUD. 3 credits
0101 (32639) Th..... 3:30pm- 6:30pm (JRN 1116) Grunig, J.

JOUR698 (PermReq) Special Problems in Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

JOUR701 Quantitative Methods in Journalism Research; Grade Method: REG/AUD. *Prerequisite: JOUR 700. Formerly PCOM 701.* 3 credits
0101 (32671) F.....10:00am- 1:00pm (JRN 1116) Newhagen, J.

JOUR728 Topics in Public Affairs Reporting; Grade Method: REG/AUD. 3 credits
0101 (32681) M..... 8:00am-11:00am (LEF 1210) Callahan, C.

JOUR729 Reporting from Annapolis and Washington; Grade Method: REG/AUD. This course is linked to the Capital News Service Reporting Bureau Program. Acceptance into program is required prior to enrollment. Apply to Director Chris Callahan in JRN 3114. 6 credits
0101 (32691) Time and room to be arranged Lab Harvey, C.
0201 (32692) Time and room to be arranged Lab Fibich, L.

JOUR738 Topics in International and Cross-Cultural Communication: Journalism and Mass Communication from a Different Perspective: The Case of Israel; Grade Method: REG/AUD. 3 credits
0101 (32702) Th.....10:00am- 1:00pm (LEF 0135) Cohen, A.

JOUR740 Seminar in Advertising Communication; Grade Method: REG/AUD. 3 credits
0101 (32712) Tu..... 6:00pm- 9:00pm (JRN 1116) Zanot, E.

JOUR780 Seminar in Broadcast News; Grade Method: REG/AUD. 3 credits
0101 (32722) Th.....12:30pm- 3:30pm (JRN 1116) Levy, M.

JOUR798 (PermReq) Masters Professional Fieldwork; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-6 credits

JOUR799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

JOUR818I Seminar in Communication Theories: Comparative Media Systems: Social, Cultural, Economic, and Technology Issues; Grade Method: REG/AUD. 3 credits
0101 (32775) Th..... 6:30pm- 9:30pm (JRN 1116) Ferguson, M.

JOUR818K Seminar in Communication Theories: Analysis of Upcoming Congressional Elections; Grade Method: REG/AUD. 3 credits
0101 (32785) M..... 2:00pm- 5:00pm (JRN 1116) Newhagen, J.

JOUR888 Doctoral Practicum in Journalism; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-9 credits

JOUR889 Doctoral Tutorial in Journalism; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-9 credits

JOUR899 Doctoral Dissertation Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

KNES Kinesiology (Health and Human Performance)

Physical Education Activities - Coed

KNES100N Physical Education Activities: Men: Basketball (Beginning); Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/18/94. Schedule Adjustment Period is 1/18-1/24. 1 credit
0001 (32910) Meets 01/18/94-03/11/94 STAFF
MW..... 3:00pm- 5:00pm (HHP 2240) Lab

KNES100O Physical Education Activities: Men: Basketball (Intermediate); Grade Method: REG/P-F. 2 credits
0001 (32920) TuTh.....10:00am-12:00pm (HHP 2240) Lab STAFF

KNES130N Physical Education Activities: Coed: Archery (Beginning); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (32930) Meets 03/21/94-05/09/94 STAFF
MW..... 8:00am-10:00am (HHP 2240) Lab
0002 (32931) Meets 03/21/94-05/09/94 STAFF
MW.....10:00am-12:00pm (HHP 2240) Lab

KNES131V Physical Education Activities: Coed: Jogging; Grade Method: REG/P-F. 2 credits
0001 (32941) MW..... 9:00am-11:00am (HHP 2240) Lab STAFF
0002 (32942) TuTh..... 2:00pm- 4:00pm (HHP 2240) Lab STAFF
0003 (32943) TuTh.....12:00pm- 2:00pm (HHP 2101) Lab STAFF

KNES131Z Physical Education Activities: Coed: Softball; Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (32953) Meets 03/21/94-05/09/94 STAFF
MW.....12:00pm- 2:00pm (HHP 2240) Lab
0002 (32954) Meets 03/21/94-05/09/94 STAFF
TuTh.....10:00am-12:00pm (HHP 2101) Lab
0003 (32955) Meets 03/21/94-05/09/94 STAFF
TuTh..... 1:00pm- 3:00pm (HHP 2240) Lab

KNES134N Physical Education Activities: Coed: Bowling (Beginning); Grade Method: REG/P-F. Students must pay a $15.00 facility fee. (Bowling shoes required. Shoes may be rented for $.75 per session.) 2 credits
0001 (32965) MW.....10:00am-12:00pm (SSU B0100) Lab STAFF
0002 (32966) TuTh..... 2:00pm- 4:00pm (SSU B0100) Lab STAFF
0003 (32967) MW..... 2:00pm- 4:00pm (SSU B0100) Lab STAFF

KNES134O Physical Education Activities: Coed: Bowling (Intermediate); Grade Method: REG/P-F. Students must pay a $15.00 facility fee. (Bowling shoes required. Shoes may be rented for $.75 per session.) 2 credits
0001 (32977) TuTh.....12:00pm- 2:00pm (SSU B0100) Lab STAFF
0002 (32978) MW.....12:00pm- 2:00pm (SSU B0100) Lab STAFF

KNES136N Physical Education Activities: Coed: Fencing (Beginning); Grade Method: REG/P-F. Section 0001 meets first eight weeks of term only. Students are required to attend classes beginning 1/18/94. Schedule Adjustment Period is 1/18-1/24. Section 0002 meets second eight only. Students are required to attend class beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (32988) Meets 01/18/94-03/11/94 STAFF
MW..... 2:00pm- 4:00pm (HHP 0107) Lab
0002 (32989) Meets 03/21/94-05/09/94 STAFF
MW..... 2:00pm- 4:00pm (HHP 0107) Lab

KNES137N Physical Education Activities: Coed: Golf (Beginning); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (32999) Meets 03/21/94-05/09/94 STAFF
MW..... 8:00am-10:00am (GLF 1102) Lab
0002 (33000) Meets 03/21/94-05/09/94 STAFF
TuTh.....10:00am-12:00pm (GLF 1102) Lab
0003 (33001) Meets 03/21/94-05/09/94 STAFF
MW.....12:00pm- 2:00pm (GLF 1102) Lab
0004 (33002) Meets 03/21/94-05/09/94 STAFF
TuTh..... 8:00am-10:00am (GLF 1102) Lab
0005 (33003) Meets 03/21/94-05/09/94 STAFF
TuTh.....12:00pm- 2:00pm (GLF 1102) Lab

KNES137O Physical Education Activities: Coed: Golf (Intermediate); Grade Method: REG/P-F. Meets second eight weeks of term only. Students in golf classroom. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (33013) Meets 03/21/94-05/09/94 STAFF
MW.....10:00am-12:00pm (GLF 1102) Lab

KNES140S Physical Education Activities: Coed: Gymnastics, Trampoline (Beginning); Grade Method: REG/P-F. 2 credits
0001 (33023) MW.....12:00pm- 2:00pm (HHP 1120) Lab STAFF

KNES144Q Physical Education Activities: Coed: Martial Arts, Karate (Beginning); Grade Method: REG/P-F. 2 credits
0001 (33033) TuTh..... 8:00am-10:00am (HHP 0107) Lab STAFF
0002 (33034) MW.....12:00pm- 2:00pm (HHP 0107) Lab STAFF
0003 (33035) TuTh..... 1:00pm- 3:00pm (HHP 0107) Lab STAFF

KNES144R Physical Education Activities: Coed: Martial Arts, Karate (Intermediate); Grade Method: REG/P-F. 2 credits
0001 (33045) MW..... 4:00pm- 6:00pm (HHP 0107) Lab STAFF

KNES144T Physical Education Activities: Coed: Martial Arts, Self Defense; Grade Method: REG/P-F. 2 credits
0002 (33055) TuTh..... 3:00pm- 5:00pm (HHP 0107) Lab STAFF

KNES146N Physical Education Activities: Coed: Racquetball (Beginning); Grade Method: REG/P-F. Students must provide protective eye wear. 1 credit
0001 (33065) MWF.....11:00am-11:50am (HHP 0222) Lab STAFF
0002 (33066) MWF..... 1:00pm- 1:50pm (HHP 0222) Lab STAFF
0003 (33067) TuTh..... 1:00pm- 2:15pm (HHP 0222) Lab STAFF
0004 (33068) TuTh..... 2:00pm- 3:15pm (HHP 0222) Lab STAFF
0005 (33069) TuTh..... 3:00pm- 4:15pm (HHP 0222) Lab STAFF
0006 (33070) MWF..... 9:00am- 9:50am (HHP 0222) Lab STAFF

KNES146O Physical Education Activities: Coed: Racquetball (Intermediate); Grade Method: REG/P-F. Students must provide protective eye wear. 1 credit
0001 (33080) TuTh.....11:00am-12:15pm (HHP 0222) Lab STAFF
0002 (33081) MW..... 2:00pm- 3:15pm (HHP 0222) Lab STAFF

KNES147N Physical Education Activities: Coed: Scuba (Beginning); Grade Method: REG/P-F. Students must obtain departmental permission once classes begin. Students must attend all scheduled class sessions. 2 credits
0001 (33091) TuTh..... 8:00am- 9:15am (COL 0113) Landers, R.
TuTh..... 8:00am- 9:15am (COL 1206) Lab
0002 (33092) TuTh.....10:00am-11:15am (COL 0113) Landers, R.
TuTh.....10:00am-11:15am (COL 1206) Lab
0003 (33093) MWF..... 8:00am- 8:50am (COL 0113) Landers, R.
MWF..... 8:00am- 8:50am (COL 1206) Lab

KNES152N Physical Education Activities: Coed: Soccer (Beginning); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (33103) Meets 03/21/94-05/09/94 STAFF
MW..... 2:00pm- 4:00pm (HHP 2101) Lab

KNES152O Physical Education Activities: Coed: Soccer (Intermediate); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (33113) Meets 03/21/94-05/09/94 STAFF
TuTh.....10:00am-12:00pm (HHP 2101) Lab

KNES154N Physical Education Activities: Coed: Swimming (Beginning); Grade Method: REG/P-F. 1 credit
0001 (33123) MWF.....12:00pm-12:50pm (PKT 1112) Lab STAFF
0002 (33124) TuTh..... 9:00am-10:15am (COL 1206) Lab STAFF

KNES154O Physical Education Activities: Coed: Swimming (Intermediate); Grade Method: REG/P-F. 1 credit
0001 (33134) MWF..... 1:00pm- 1:50pm (COL 1206) Lab STAFF

KNES154P Physical Education Activities: Coed: Swimming (Advanced); Grade Method: REG/P-F. 2 credits
0001 (33144) MW..... 9:00am-11:00am (COL 1206) Lab STAFF

KNES154T Physical Education Activities: Coed: Swimming, Fitness (Beginning); Grade Method: REG/P-F. 1 credit
0001 (33154) TuTh..... 3:00pm- 4:15pm (PKT 1112) Lab STAFF

KNES154W Physical Education Activities: Coed: Swimming/Lifeguard Training; Grade Method: REG/P-F. Advanced swimming ability is a prerequisite to this course. Meets first 8 weeks of term only. 1 credit
0001 (33164) Meets 01/18/94-03/11/94 STAFF
MW..... 8:00am-10:00am (PKT 1112) Lab
0002 (33165) Meets 01/18/94-03/11/94 STAFF
TuTh..... 8:00am-10:00am (PKT 1112) Lab

KNES154X Physical Education Activities: Coed: Swimming/Lifeguard Training Instructor; Grade Method: REG/P-F. Prerequisite: Current American Red Cross Lifeguard Training certificate. Meets second 8 weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21 - 3/25. 1 credit
0001 (33175) Meets 03/21/94-05/09/94 STAFF
MW..... 8:00am-10:00am (PKT 1112) Lab
0002 (33176) Meets 03/21/94-05/09/94 STAFF
TuTh..... 8:00am-10:00am (PKT 1112) Lab

KNES154Y Physical Education Activities: Coed: Swimming, Water Safety Instruction; Grade Method: REG/P-F. Current lifeguard training or emergency water safety certification is a prerequisite to this course. 2 credits
0001 (33186) MW.....10:00am-12:00pm (PKT 1112) Lab STAFF

KNES155N Physical Education Activities: Coed: Tennis (Beginning); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (33196) Meets 03/21/94-05/09/94 STAFF
MW..... 8:00am-10:00am (COL 1100F) Lab
0002 (33197) Meets 03/21/94-05/09/94 STAFF
MW.....10:00am-12:00pm (COL 1100F) Lab
0003 (33198) Meets 03/21/94-05/09/94 STAFF
MW..... 1:00pm- 3:00pm (COL 1100F) Lab
0004 (33199) Meets 03/21/94-05/09/94 STAFF
MW..... 1:00pm- 3:00pm (HHP 2240) Lab
0005 (33200) Meets 03/21/94-05/09/94 STAFF
TuTh..... 8:00am-10:00am (COL 1100F) Lab
0006 (33201) Meets 03/21/94-05/09/94 STAFF
TuTh.....10:00am-12:00pm (COL 1100F) Lab
0007 (33202) Meets 03/21/94-05/09/94 STAFF
MW..... 3:00pm- 5:00pm (HHP 2240) Lab
0008 (33203) Meets 03/21/94-05/09/94 STAFF
TuTh..... 1:00pm- 3:00pm (COL 1100F) Lab

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (33213) Meets 03/21/94-05/09/94 STAFF
MW..... 3:00pm- 5:00pm (HHP 2101) Lab
0002 (33214) Meets 03/21/94-05/09/94 STAFF
MW.....10:00am-12:00pm (HHP 2101) Lab
0003 (33215) Meets 03/21/94-05/09/94 STAFF
TuTh.....10:00am-12:00pm (HHP 2240) Lab
0004 (33216) Meets 03/21/94-05/09/94 STAFF
MW..... 1:00pm- 3:00pm (HHP 2101) Lab
0005 (33217) Meets 03/21/94-05/09/94 STAFF
TuTh..... 1:00pm- 3:00pm (HHP 2240) Lab

KNES155P Physical Education Activities: Coed: Tennis (Advanced); Grade Method: REG/P-F. Meets second eight weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (33227) Meets 03/21/94-05/09/94 STAFF
TuTh..... 1:00pm- 3:00pm (HHP 2101) Lab

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); Grade Method: REG/P-F. 1 credit
0001 (33237) MWF..... 1:00pm- 1:50pm (HHP 0103) Lab STAFF
0002 (33238) MWF.....10:00am-10:50am (HHP 0103) Lab STAFF
0003 (33239) MWF.....11:00am-11:50am (HHP 0103) Lab STAFF
0004 (33240) MWF..... 3:00pm- 3:50pm (HHP 0103) Lab STAFF
0005 (33241) MW..... 4:00pm- 5:15pm (HHP 0103) Lab STAFF
0006 (33242) TuTh..... 9:00am-10:15am (HHP 0103) Lab STAFF
0007 (33243) TuTh.....10:00am-11:15am (HHP 0103) Lab STAFF
0008 (33244) TuTh.....11:00am-12:15pm (HHP 0103) Lab STAFF
0009 (33245) TuTh..... 4:00pm- 5:15pm (HHP 0103) Lab STAFF
0010 (33246) TuTh..... 2:00pm- 3:15pm (HHP 0103) Lab STAFF

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); Grade Method: REG/P-F. 1 credit
0001 (33256) MWF.....12:00pm-12:50pm (HHP 0103) Lab STAFF
0002 (33257) TuTh.....12:00pm- 1:15pm (HHP 0103) Lab STAFF
0003 (33258) TuTh..... 3:00pm- 4:15pm (HHP 0103) Lab STAFF
0004 (33259) MWF..... 2:00pm- 2:50pm (HHP 0103) Lab STAFF
0005 (33260) TuTh..... 5:00pm- 6:15pm (HHP 0103) Lab STAFF

KNES157Q Physical Education Activities: Coed: Body Building; Grade Method: REG/P-F. 1 credit
0001 (33270) TuTh..... 1:00pm- 2:15pm (HHP 0103) STAFF

KNES180N Physical Education Activities: Coed: Volleyball (Beginning); Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/18/94. Schedule Adjustment Period is 1/18-1/24. 1 credit

0001 (33280) Meets 01/18/94-03/11/94 STAFF
MW..... 1:00pm- 3:00pm (HHP 2101) Lab

KNES160O Physical Education Activities: Coed: Volleyball (Intermediate); Grade Method: REG/P-F. Meets first eight weeks of term only. Students are required to attend classes beginning 1/18/94. Schedule Adjustment Period is 1/18-1/24. 1 credit
0001 (33290) Meets 01/18/94-03/11/94 STAFF
TuTh..... 1:00pm- 3:00pm (HHP 2101) Lab
0002 (33291) Meets 01/18/94-03/11/94 STAFF
MW.....10:00am-12:00pm (HHP 2101) Lab

KNES160P Physical Education Activities: Coed: Advanced Volleyball; Grade Method: REG/P-F. 2 credits
0001 (33301) TuTh..... 3:00pm- 5:00pm (HHP 2101) Lab STAFF

KNES161N Physical Education Activities: Coed: Conditioning (Beginning); Grade Method: REG/P-F. Meets second eight weeks only. Students are required to attend class beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0001 (33311) Meets 03/21/94-05/09/94 STAFF
TuTh.....11:00am- 1:00pm (HHP 0102) Lab

KNES161Q Physical Education Activities: Coed: Conditioning (Aerobic Dance); Grade Method: REG/P-F. 2 credits
0001 (33321) MW..... 2:00pm- 4:00pm (HHP 0102) Lab STAFF
0002 (33322) MW.....12:00pm- 2:00pm (HHP 0102) Lab STAFF
0003 (33323) TuTh..... 1:00pm- 3:00pm (HHP 0102) Lab STAFF
0004 (33324) TuTh..... 6:00pm- 8:00pm (HHP 0102) Lab STAFF

KNES161R Physical Education Activities: Coed: Conditioning (Step Aerobics); Grade Method: REG/P-F. 2 credits
0001 (33334) TuTh..... 9:00am-11:00am (HHP 0102) Lab STAFF

KNES161S Physical Education Activities: Coed: Conditioning (Aerobic Dance - Intermediate); Grade Method: REG/P-F. 2 credits
0001 (33344) MW..... 1:00pm- 3:00pm (HHP 2240) Lab STAFF
0002 (33345) TuTh..... 3:00pm- 5:00pm (HHP 0102) Lab STAFF

KNES182 Rhythmic Activities; Grade Method: REG/P-F. *Formerly PHED 182.* 2 credits
0101 (33355) MW.....10:00am-12:00pm (HHP 0102) Owens, L.

KNES204 Basketball Skills Laboratory; Grade Method: REG/P-F. *Formerly PHED 204.* Students must obtain departmental permission once classes begin. Meets first eight weeks of term only. Students are required to attend classes beginning 1/18/94. Schedule Adjustment Period is 1/18-1/24. 1 credit
0101 (33365) Meets 01/18/94-03/11/94 STAFF
TuTh..... 1:00pm- 3:00pm (HHP 2240) Lab

KNES210 Field Games Skills Laboratory; Grade Method: REG/P-F. *Formerly PHED 210.* Meets second eight weeks only. Students are required to attend class beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0101 (33375) TuTh..... 1:00pm- 3:00pm (HHP 2240) Lab STAFF

KNES217 Tennis Skills Laboratory; Grade Method: REG/P-F. *Formerly PHED 217.* Meets second eight weeks of term only. Students are required to attend classes beginning 3/21/94. Schedule Adjustment Period is 3/21-3/25. 1 credit
0101 (33385) Meets 03/21/94-05/09/94 STAFF
TuTh.....10:00am-12:00pm (HHP 2101) Lab

KNES221 Volleyball Skills Laboratory; Grade Method: REG/P-F. *Formerly PHED 221.* Meets first eight weeks of term only. Students must obtain departmental permission once classes begin. Students are required to attend classes beginning 1/18/94. Schedule Adjustment Period is 1/18-1/24. 1 credit
0101 (33395) Meets 01/18/94-03/11/94 STAFF
TuTh.....10:00am-12:00pm (HHP 2101) Lab

KNES223 Weight Training and Aerobic Skills Laboratory; Grade Method: REG/P-F. *Credit will be granted for only one of the following: KNES 222, KNES 223, and KNES 224.* 2 credits
0101 (33405) MWF..... 8:00am-10:00am (HHP 0103) STAFF

KNES287 Sport and American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Formerly PHED 287.* 3 credits
0101 (33415) TuTh..... 9:30am-10:45am (HHP 1303) Vander Velden,
0201 (33416) TuTh.....11:00am-12:15pm (HHP 1303) Vander Velden,

KNES289 (PermReq) Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

KNES289U Topical Investigations: Baseball Officiating/Umpiring; Grade Method: REG/P-F/AUD. 1 credit
0101 (33427) Tu..... 2:00pm- 4:00pm (HHP 1303) Higgins, W.

KNES293 History of Sport in America; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. *Formerly PHED 293.* 3 credits
0101 (33437) TuTh..... 9:30am-10:45am (HHP 1312) Struna, N.

KNES300 Biomechanics of Human Motion; Grade Method: REG/P-F/AUD. *Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 300.* 4 credits
0101 (33447) TuTh..... 9:30am-10:45am (HHP 1302) Phillips, S.
Tu.....11:00am-12:30pm (HHP 0307) Lab
0102 (33448) TuTh..... 9:30am-10:45am (HHP 1302) Phillips, S.
Th.....11:00am-12:30pm (HHP 0307) Lab
0103 (33449) TuTh..... 9:30am-10:45am (HHP 1302) Phillips, S.
Tu.....12:30pm- 1:45pm (HHP 0307) Lab

KNES314 Methods in Physical Education; Grade Method: REG/P-F/AUD. *Prerequisite: KNES 183. Formerly PHED 314.* Course is offered in the spring semester only. 3 credits
0101 (33459) MW.....10:00am-12:00pm (HHP 0307) Arrighi, M.

KNES333 Physical Activity for the Handicapped; Grade Method: REG/P-F/AUD. *Formerly PHED 333.* Course is offered in the spring semester only. 3 credits
0101 (33469) W..... 7:00pm- 9:30pm (HHP 0306) Vacante, D.

KNES335 Swimming Pool Management; Grade Method: REG/P-F/AUD. *Formerly PHED 335.* 2 credits
0101 (33479) TuTh..... 9:00am- 9:50am (COL 0113) Lab STAFF

KNES340 Theory of Coaching Athletics; Grade Method: REG/P-F/AUD. *Formerly PHED 340.* 2 credits
0101 (33489) MW..... 9:00am- 9:50am (HHP 0302) Drum, B.

KNES350 The Psychology of Sports; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Formerly PHED 350.* 3 credits
0101 (33499) MW..... 2:00pm- 3:15pm (HHP 1302) Steel, D.
0201 (33500) TuTh..... 8:00am- 9:15am (HHP 1301) STAFF
0301 (33501) TuTh..... 2:00pm- 3:15pm (HHP 1302) Brown, E.

KNES351 Contemporary Issues in American Sport; Grade Method: REG/P-F/AUD. *Prerequisite: KNES 287. Formerly PHED 351.* 3 credits
0101 (33511) TuTh..... 2:00pm- 3:15pm (HHP 0306) Vander Velden,

KNES360 Physiology of Exercise; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisites: ZOOL 201; and ZOOL 202, or permission of department. Formerly PHED 360.* 3 credits
0101 (33521) TuTh.....10:00am-12:00pm (HHP 2132) Vaccaro, P.
0201 (33522) TuTh..... 1:00pm- 3:00pm (HHP 2132) Ryder, M.

KNES362 Philosophy of Sport; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. *Formerly PHED 362.* 3 credits
0101 (33532) MWF..... 8:00am- 8:50am (HHP 1301) Hult, J.

KNES385 Motor Learning and Skilled Performance; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Formerly PHED 385.* Course is offered in the spring semester only. 3 credits
0101 (33542) W..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
M.....12:00pm- 1:00pm (HHP 0305) Lab
0102 (33543) W..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
M..... 1:00pm- 2:00pm (HHP 0305) Lab
0103 (33544) W..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
W.....12:00pm- 1:00pm (HHP 0305) Lab
0104 (33545) W..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
W..... 1:00pm- 2:00pm (HHP 0305) Lab
0105 (33546) W..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
W..... 5:00pm- 6:00pm (HHP 2132) Lab
0106 (33547) W..... 7:00pm- 9:30pm (HHP 1312) Clark, J.
W..... 6:00pm- 7:00pm (HHP 2132) Lab

KNES389 (PermReq) Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor and department. 1-3 credits

KNES389E Topical Investigations: Childrens Development Clinic; Grade Method: REG/P-F/AUD. 1 credit
0101 (33556) Sa..... 8:30am-12:30pm (HHP 0103) Hahn, P.

KNES389K (PermReq) Topical Investigations: Independent Studies/Internship; Grade Method: REG. 1-3 credits
0101 (33568) Time and room to be arranged Wrenn, J.

KNES389T Topical Investigations: Prevention and Care of Athletic Injuries-Advanced; Grade Method: REG/P-F/AUD. Course is offered in the spring semester only. 3 credits
0101 (33578) MWF..... 8:00am- 8:50am (HHP 1302) Bush, J.

KNES402 Biomechanics of Sport; Grade Method: REG/P-F/AUD. *Prerequisite: KNES 300. Formerly PHED 402.* 3 credits
0101 (33588) TuTh..... 2:00pm- 3:15pm (HHP 0303) Phillips, S.

KNES455 Scientific Bases of Athletic Conditioning; Grade Method: REG/P-F/AUD. *Prerequisite: KNES 360. Formerly PHED 455.* 3 credits
0101 (33598) Tu..... 4:00pm- 6:30pm (HHP 0303) Farmer, C.

KNES461 Exercise and Body Composition; Grade Method: REG/P-F/AUD. *Prerequisite: KNES 360. Formerly PHED 461.* 3 credits
0101 (33608) W..... 4:00pm- 6:30pm (HHP 1303) Ryder, M.

KNES480 Measurement in Physical Education; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 110. Formerly PHED 480.* 3 credits
0101 (33618) TuTh..... 1:00pm- 3:00pm (HHP 0305) Steel, D.

KNES481 Biophysical Aspects of Human Movement; Grade Method: REG/P-F/AUD. *Prerequisites: KNES 300; and KNES 360; and KNES 370; and KNES 385. Formerly PHED 481.* 3 credits
0101 (33628) TuTh..... 2:30pm- 4:00pm (HHP 0307) SantaMaria, D.
0102 (33629) MW..... 2:00pm- 3:30pm (HHP 0305) SantaMaria, D.

KNES491 The Curriculum in Physical Education; Grade Method: REG/P-F/AUD. *Prerequisites: KNES 300, KNES 360, and KNES 371. Formerly PHED 491.* Course is offered in the spring semester only. 3 credits
0101 (33639) TuTh..... 8:00am- 9:15am (HHP 0303) Ennis, C.

KNES492 History of the Sportswoman in American Organizations; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. *Prerequisite: KNES 293. Formerly PHED 492.* 3 credits
0101 (33649) MWF.....10:00am-10:50am (HHP 1301) Hult, J.

KNES497 Independent Studies Seminar; Grade Method: REG/P-F. *Formerly PHED 497.* 3 credits
0101 (33659) MWF..... 9:00am- 9:50am (HHP 2132) Scott, M.

KNES498 (PermReq) Special Topics in Physical Education; Grade Method: REG/P-F. 3 credits
0101 (33669) Time and room to be arranged Wrenn, J.

KNES610 Methods and Techniques of Research; Grade Method: REG/AUD. *Formerly PHED 610.* Course is offered in the spring semester only. 3 credits
0101 (33679) M..... 4:00pm- 6:30pm (HHP 0306) Dotson, C.

KNES646 Curriculum Design for Adolescents; Grade Method: REG/AUD. 3 credits
0101 (33689) Tu..... 4:00pm- 6:30pm (HHP 0305) Ennis, C.

KNES689 (PermReq) Special Problems in Physical Education; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

KNES689B Special Problems in Physical Education: Sport Organization and Behavior Management; Grade Method: REG/AUD. Course is offered in the spring semester only. 3 credits
0101 (33719) Th..... 7:00pm- 9:30pm (HHP 0301) Chalip, L.

KNES689E Special Problems in Physical Education: Research on Teaching in Physical Education; Grade Method: REG/AUD. 3 credits
0101 (33729) W..... 4:30pm- 7:00pm (HHP 0303) Arrighi, M.

KNES689I Special Problems in Physical Education: Assessment in Sport Psychology; Grade Method: REG/AUD. 3 credits
0101 (33739) Th..... 4:00pm- 6:30pm (HHP 2132) Steel, D.

KNES689L Special Problems in Physical Education: The Child and Sport; Grade Method: REG/AUD. 3 credits
0101 (33749) M..... 4:00pm- 6:30pm (HHP 0307) Chalip, L.

KNES693 Pulmonary Dynamics in Exercise Physiology; Grade Method: REG/AUD. *Prerequisite: KNES 690. Formerly PHED 693.* 3 credits
0101 (33759) Tu..... 4:00pm- 6:30pm (HHP 2132) Vaccaro, P.

KNES694 Metabolic Aspects of Exercise Physiology; Grade Method: REG/AUD. *Prerequisite: KNES 360 or KNES 690. Recommended: BCHM 461 and BCHM 462. Formerly PHED 694.* 3 credits
0101 (33769) W..... 7:00pm- 9:30pm (HHP 2132) Rogers, M.

KNES695 Laboratory Techniques in Exercise Physiology; Grade Method: REG/AUD. *Prerequisite: KNES 360, CHEM 103, CHEM 104, and BCHM 261. Formerly PHED 695.* 3 credits
0101 (33779) Th..... 4:00pm- 6:30pm (HHP 0306) Rogers, M.

KNES789A Advanced Seminar: Statistics; Grade Method: REG/AUD. Course is offered in the spring semester only. 3 credits
0101 (33789) Tu..... 7:00pm- 9:30pm (HHP 2132) Dotson, C.

KNES789P Advanced Seminar: Sport Management; Grade Method: REG/AUD. 3 credits
0101 (33799) W..... 4:00pm- 6:30pm (HHP 1301) Chalip, L.

KNES798A (PermReq) Internship in Physical Education/Sports Management: Internship in Sports Management; Grade Method: REG. Permission of instructor required. 1-8 credits
0101 (33809) Time and room to be arranged Wrenn, J.

KNES799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

KNES899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

KORA Korean (Arts and Humanities)

KORA212 Introductory Reading for Speakers of Korean II; Grade Method: REG/P-F/AUD. *Prerequisite: KORA 211.* 3 credits
0101 (33902) TuTh.....11:00am-12:15pm (JMZ 0120) Ramsey, Y.

LATN Latin (Arts and Humanities)

LATN101 Elementary Latin I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit.* 4 credits
0101 (33952) MWF..... 9:00am- 9:50am (HZF 1108) Shirley, K.
F.....10:00am-10:50am (HZF 1108)
0201 (33953) MWF.....12:00pm-12:50pm (HZF 1106) Shirley, K.
W.....11:00am-11:50am (HZF 1106)

LATN102 Elementary Latin II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: LATN 101 at UMCP or permission of department.* 4 credits
0101 (33963) MWF..... 9:00am- 9:50am (ARM 0110) STAFF
M.....10:00am-10:50am (ARM 0110)

LATN201 Intermediate Latin; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: LATN 102 at UMCP or permission of department. Formerly LATN 203.* 4 credits
0101 (33973) MWF.....10:00am-10:50am (ARM 0105) Lee, H.
W..... 9:00am- 9:50am (ARM 0105)

LATN302 Ovid; Grade Method: REG/P-F/AUD. 3 credits
0101 (33983) MW..... 3:00pm- 4:15pm (MMH 1304) Hallett, J.

LATN405 Lucretius; Grade Method: REG/P-F/AUD. 3 credits
0101 (33993) Tu..... 6:00pm- 8:40pm (MMH 3418) Stehle, E.

LATN488 Latin Readings: Roman Historiography; Grade Method: REG/P-F/AUD. 3 credits
0101 (34003) W..... 6:00pm- 8:40pm (MMH 3418) Hallett, J.

LATN499 (PermReq) Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

LATN688A Special Topics in Latin Literature: Lucretius; Grade Method: REG/AUD. 3 credits
0101 (34019) Tu..... 6:00pm- 8:40pm (MMH 3418) Stehle, E.

LATN688B Special Topics in Latin Literature: Roman Historiography; Grade Method: REG/AUD. 3 credits
0101 (34029) W..... 6:00pm- 8:40pm (MMH 3418) Hallett, J.

LATN698 Independent Studies in Latin Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

LBSC Library Science (Library and Information Services)

LBSC208A Special Topics in Information Studies: Information Skills and Strategies; Grade Method: REG/AUD. 3 credits
0101 (34094) TuTh..... 9:30am-10:45am (HBK 0103) White, M.

LBSC830 (PermReq) Library Administration; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits
0101 (34104) TuTh.....11:00am-12:15pm (HBK 0109) Wasserman, P.

LBSC845 (PermReq) Children's Literature and Materials; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits
0101 (34114) TuTh..... 9:30am-10:45am (HBK 0115) MacLeod, A.

LBSC851 (PermReq) Reference and Information Services; Grade Method: REG/AUD. *Prerequisite: permission of department.* Required of all MLS students. 3 credits
0101 (34124) M..... 5:30pm- 8:15pm (HBK 0109) STAFF

LBSC871 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD. *Prerequisite: permission of department.* Required of all MLS students. 3 credits
0101 (34134) Tu..... 5:30pm- 8:15pm (HBK 0105) Green, R.
0201 (34135) W..... 1:00pm- 3:45pm (HBK 0103) Dick, J.

LBSC875 (PermReq) Information Storage and Retrieval (ISAR) Systems; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits
0101 (34145) Tu..... 6:00pm- 8:45pm (HBK 0109) Soergel, D.

LBSC890 (PermReq) Data Processing for Libraries and Information Services; Grade Method: REG/AUD. *Prerequisite: permission of department. LBSC 690 or LBSC 691 required of all MLS students. Credit will be granted for only one of the following: LBSC 690 or LBSC 691.* 3 credits
0101 (34155) M..... 1:00pm- 3:45pm (HBK 0109) Marchionini, G.

LBSC891 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD. *Prerequisite: permission of department. LBSC 690 or LBSC 691 required of all MLS students. Credit will be granted for only one of the following: LBSC 690 or LBSC 691.* 3 credits
0101 (34165) W..... 5:30pm- 8:15pm (HBK 0115) Barlow, D.

LBSC705 (PermReq) Seminar in Information for Decision-Making; Grade Method: REG/AUD. 3 credits
0101 (34175) M..... 5:30pm- 8:15pm (HBK 4113) Walston, C.

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD. *Prerequisites: LBSC 600; and LBSC 651; and LBSC 671; and LBSC 690 or LBSC 691 and permission of both department and instructor.* Signed instructor approval form must be presented to CLIS Admission Office. 3 credits
0101 (34185) Time and room to be arranged Wilson, M.

LBSC708K (PermReq) Special Topics in Library and Information Service: Electronic Texts; Grade Method: REG/AUD. 3 credits
0101 (34195) TuTh..... 2:00pm- 3:15pm (HBK 0115) Green, R.

LBSC708M (PermReq) Special Topics in Library and Information Service: Health Information Reference Sources; Grade Method: REG/AUD. 3 credits
0101 (34205) W..... 9:30am-12:15pm (HBK 0103) STAFF

LBSC708N (PermReq) Special Topics in Library and Information Service: Introduction to Knowledge Representation; Grade Method: REG/AUD. 3 credits
0101 (34215) W..... 5:30pm- 8:15pm (HBK 4113) Dick, J.

LBSC708W (PermReq) Special Topics in Library and Information Service: Problems of Records Structures; Grade Method: REG/AUD. Prerequisite: LBSC 735 or permission of instructor. 3 credits
0101 (34225) Tu..... 5:30pm- 8:15pm (HBK 4113) Pattit, M.

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. 1-3 credits

LBSC733 (PermReq) Seminar in Library and Information Networks; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits
0101 (34250) W..... 1:00pm- 3:45pm (HBK 4113) Walston, C.

LBSC735 (PermReq) The Archivist, the Librarian, and the Law; Grade Method: REG/AUD. *Prerequisite: permission of department.* 3 credits
0101 (34260) M..... 1:00pm- 3:45pm (HBK 0103) Burke, F.

LBSC736 (PermReq) Designing Information Products and Services; Grade Method: REG/AUD. *Prerequisite: permission of both department and instructor.* 3 credits
0101 (34270) Th..... 2:00pm- 4:45pm (HBK 4113) Wasserman, P.

LBSC742 (PermReq) Instructional Development Roles of Library Media Specialists; Grade Method: REG/AUD. *Prerequisites: permission of department; and LBSC 643 or permission of instructor.* 3 credits
0101 (34280) Th..... 5:30pm- 8:15pm (HBK 4113) STAFF

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD. *Prerequisites: permission of department; and LBSC 741; and LBSC* 3 credits

742 or EDCI 605 or permission of instructor.
0101 (34290) Tu..... 2:00pm- 4:45pm (HBK 4115) Liesener, J.

LBSC748 (PermReq) **Analysis of Client Groups: Young Adults; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34300) Th..... 5:30pm- 8:15pm (HBK 4115) Liesener, J.

LBSC748 (PermReq) **Advanced Seminar in Children's Literature; Grade Method: REG/AUD.** Prerequisite: LBSC 645. Instructor approval form must be presented to CLIS Admissions Office and registration must be accompanied by Course Authorization Form. 3 credits
0101 (34310) Th..... 2:00pm- 4:45pm (HBK 4115) MacLeod, A.

LBSC750 (PermReq) **Advanced Reference Services; Grade Method: REG/AUD.** *Prerequisites: permission of department; and either LBSC 651 or permission of instructor.* 3 credits
0101 (34320) M..... 1:00pm- 3:45pm (HBK 0105) Abels, E.
0201 (34321) M..... 5:30pm- 8:15pm (HBK 0105) STAFF

LBSC752 (PermReq) **Literature and Research in the Arts; Grade Method: REG/AUD.** *Prerequisites: permission of department; and either LBSC 651 or permission of instructor.* See department for exact scheduling. 3 credits
0101 (34331) Time and room to be arranged Robertson, J.

LBSC770 (PermReq) **Bibliographic Control; Grade Method: REG/AUD.** *Prerequisite: permission of department; and either LBSC 671 or permission of instructor.* 3 credits
0101 (34341) M..... 5:30pm- 8:15pm (HBK 0115) STAFF

LBSC773 (PermReq) **Classification Theory; Grade Method: REG/AUD.** *Prerequisites: LBSC 671 and permission of department.* 3 credits
0101 (34351) Th..... 9:30am-12:15pm (HBK 0105) Green, R.

LBSC775 (PermReq) **Construction and Maintenance of Index Languages and Thesauri; Grade Method: REG/AUD.** *Prerequisite: permission of department; and LBSC 675 or permission of instructor.* 3 credits
0101 (34361) Th..... 2:00pm- 4:45pm (HBK 0103) Soergel, D.

LBSC780 (PermReq) **Principles of Record Management; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34371) Tu..... 2:00pm- 4:45pm (HBK 0109) Burke, F.

LBSC791 (PermReq) **Computer Applications in Information Management; Grade Method: REG/AUD.** *Prerequisite: permission of department; and either LBSC 690 or LBSC 691 or permission of instructor.* 3 credits
0101 (34381) W..... 5:30pm- 8:15pm (HBK 0105) Marchionini, G.

LBSC793 (PermReq) **Database Design; Grade Method: REG/AUD.** *Prerequisite: LBSC 690 or permission of instructor; and permission of department* 3 credits
0101 (34391) Tu..... 2:00pm- 4:45pm (HBK 4115) Dick, J.

LBSC794 (PermReq) **Principles of Software Evaluation; Grade Method: REG/AUD.** *Prerequisite: permission of department; and either LBSC 690 or LBSC 691.* 3 credits
0101 (34401) Tu..... 2:00pm- 4:45pm (HBK 0103) Soergel, D.

LBSC797 (PermReq) **Computers and Archival Administration; Grade Method: REG/AUD.** *Prerequisite: permission of department.* 3 credits
0101 (34411) W..... 5:30pm- 8:15pm (HBK 0103) Pettit, M.

LBSC799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

LBSC878 (PermReq) **Doctoral Seminar in Information Studies: Communication and Information Transfer; Grade Method: REG/AUD.** Limited to doctoral students and advanced MLS students with permission of instructor. 3 credits
0101 (34434) W..... 1:00pm- 3:45pm (HBK 4115) Abels, E.

LBSC899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

LING Linguistics (Arts and Humanities)

LING200 **Introductory Linguistics; Grade Method: REG/P-F/AUD.** CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Not open to students who have completed ANTH 371 or HESP 120.* Basis for future work in linguistics. 3 credits
0101 (34503) MWF..... 1:00pm- 1:50pm (COL 3110) Thompson, E.
0201 (34504) TuTh..... 9:30am-10:45am (JMZ 2206) STAFF
0301 (34505) TuTh.....12:30pm- 1:45pm (SYM 1308) STAFF
0401 (34506) MWF.....10:00am-10:50am (COL 3111) STAFF
0501 (34507) MW..... 4:00pm- 5:15pm (HZF 1101) STAFF
0601 (34508) TuTh..... 3:30pm- 4:45pm (KEY 0125) STAFF
0701 (34509) MWF..... 9:00am- 9:50am (HZF 1102) STAFF
0801 (34510) TuTh.....11:00am-12:15pm (HBK 1108) STAFF
0901 (34511) MWF.....12:00pm-12:50pm (ARM 0105) STAFF

LING240 **Language and Mind; Grade Method: REG/P-F/AUD.** CORE Distributive Studies Humanities Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits
0101 (34521) TuTh..... 9:30am-10:45am (HBK 0123) Uriagereka, J.

LING312 **Syntax II; Grade Method: REG/P-F/AUD.** *Prerequisite: LING 311.* 3 credits
0101 (34531) TuTh..... 9:30am-10:45am (HBK 0125) Lebeaux, D.

LING322 **Phonology II; Grade Method: REG/P-F/AUD.** *Prerequisite: LING 321.* 3 credits
0101 (34541) TuTh.....11:00am-12:15pm (HBK 1116) Lombardi, L.

LING350 **Philosophy of Language; Grade Method: REG/P-F/AUD.** CORE Advanced Studies Development of Knowledge Course. *Prerequisite: PHIL 170 or PHIL 173 or PHIL 371; or LING 311* 3 credits
0101 (34551) TuTh.....12:30pm- 1:45pm (MMH 1304) Devitt, M.

LING411 **Comparative Syntax; Grade Method: REG/P-F/AUD.** *Prerequisite: LING 312.* 3 credits
0101 (34561) TuTh..... 3:30pm- 4:45pm (MMH 3418) Lebeaux, D.

LING419 **Topics in Syntax: Structure of American Sign Language; Grade Method: REG/P-F/AUD.** 3 credits
0101 (34571) MWF.....10:00am-10:50am (KEY 0126) Crain, R.

LING419H (PermReq) **Topics in Syntax; Grade Method: REG.** 3 credits
0101 (34581) Time and room to be arranged Lightfoot, D.

LING420 (PermReq) **Word Formation; Grade Method: REG/AUD.** *Prerequisite: LING 322.* 3 credits
0101 (34591) F.....11:00am- 1:00pm (HBK 0115) Lombardi, L.
Time and room to be arranged Dis

LING420H (PermReq) **Word Formation; Grade Method: REG.** *Prerequisite: LING 322.* 3 credits
0101 (34601) F.....11:00am- 1:00pm (HBK 0115) Lombardi, L.
Time and room to be arranged Dis

LING429 (PermReq) **Topics in Phonology; Grade Method: REG/P-F/AUD.** 3 credits
0101 (34611) Time and room to be arranged Lombardi, L.

LING429H (PermReq) **Topics in Phonology; Grade Method: REG.** 3 credits
0101 (34621) Time and room to be arranged Lombardi, L.

LING440 **Grammars and Cognition; Grade Method: REG/P-F/AUD.** CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 (34631) TuTh..... 9:30am-10:45am (MMH 1400) Gorrell, P.

LING499 (PermReq) **Directed Studies in Linguistics; Grade Method: REG/P-F.** 1-3 credits
0101 (34641) Time and room to be arranged Lightfoot, D.

LING499H (PermReq) **Directed Studies in Linguistics; Grade Method: REG.** 3 credits
0101 (34651) Time and room to be arranged Lightfoot, D.

LING611 **Issues in Syntax; Grade Method: REG/AUD.** *Prerequisite: LING 610.* 3 credits
0101 (34661) Th..... 2:00pm- 5:00pm (Arranged) Roberts, I.

LING621 (PermReq) **Issues in Phonology; Grade Method: REG/AUD.** *Prerequisite: LING 620.* 3 credits
0101 (34671) F.....11:00am- 1:00pm (HBK 0115) Lombardi, L.
Time and room to be arranged Dis

LING630 **Diachronic Linguistics; Grade Method: REG/AUD.** 3 credits
0101 (34681) TuTh.....10:00am-12:00pm (MMH 1304) Lightfoot, D.

LING645 (PermReq) **Speech Processing; Grade Method: REG/AUD.** *Prerequisite: LING 312 or permission of instructor.* 3 credits
0101 (34691) Tu..... 1:00pm- 3:00pm (MMH 3416A) Gorrell, P.
Time and room to be arranged Dis

LING689 (PermReq) **Independent Study; Grade Method: REG/AUD.** 1-3 credits
0101 (34701) Time and room to be arranged Lightfoot, D.
0201 (34702) Time and room to be arranged STAFF

LING698 (PermReq) **Directed Study; Grade Method: REG.** 1-3 credits
0101 (34712) F..... 2:00pm- 4:00pm (MMH 0108) Lightfoot, D.
Time and room to be arranged Dis

LING798 (PermReq) **Research Papers in Linguistics; Grade Method: REG.** 1-6 credits
0101 (34722) Time and room to be arranged Lightfoot, D.

LING799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

LING819 (PermReq) **Seminar in Syntactic Theory; Grade Method: REG/AUD.** 3 credits
0101 (34733) Tu..... 3:30pm- 5:30pm (MMH 3416A) Uriagereka, J.
Time and room to be arranged Dis

LING839 **Seminar in Language Change; Grade Method: REG/AUD.** 3 credits
0101 (34743) M.....11:00am- 1:00pm (ARM 0108) Roberts, I.
Time and room to be arranged Dis

LING889 **Directed Research; Grade Method: REG/AUD.** 1-8 credits
0101 (34753) Time and room to be arranged Lightfoot, D.

LING895 **Doctoral Research Paper; Grade Method: REG.** 1-6 credits
0101 (34763) Time and room to be arranged Lightfoot, D.

LING899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

MAPL Applied Mathematics (Computer, Mathematical and Physical Sciences)

MAPL460 **Computational Methods; Grade Method: REG/P-F/AUD.** *Prerequisites: a grade of C or better in MATH 240 and MATH 241; and CMSC 104 or CMSC 113. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.* 3 credits
0101 (34831) MWF.....10:00am-10:50am (MTH 0101) Wolfe, P.
0201 (34832) MWF.....12:00pm-12:50pm (MTH 0305) Glaz, H.

MAPL466 **Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD.** *Prerequisites: a grade of C or better in MATH 240 and MATH 241; and CMSC 104. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.* 3 credits
0101 (34842) MWF..... 1:00pm- 1:50pm (MTH B0421) STAFF
0201 (34843) TuTh.....12:30pm- 1:45pm (MTH 0303) Vonpetersdorff,

MAPL473 **Methods and Models in Applied Mathematics II; Grade Method: REG/P-F/AUD.** *Prerequisite: MAPL 472 or permission of department. Also offered as MATH 473. Credit will be granted for only one of the following: MAPL 473 or MATH 473.* Course is offered in the spring semester only. 3 credits
0101 (34853) MWF.....11:00am-11:50am (MTH B0423) Pego, R.

MAPL498A **Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD.** Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MAPL498B **Selected Topics in Applied Mathematics: Differential Equations in Action; Grade Method: REG/P-F/AUD.** 3 credits
0101 (34866) TuTh.....12:30pm- 1:45pm (MTH 0302) Elliott, D.

MAPL600 **Advanced Linear Numerical Analysis; Grade Method: REG/AUD.** *Prerequisite: CMSC/MAPL 666 or permission of instructor. Also offered as CMSC 760.* 3 credits
0101 (34876) TuTh.....12:30pm- 1:45pm (CLB 0109) Stewart, G.

MAPL610 **Numerical Solution of Ordinary Differential Equations; Grade Method: REG/AUD.** *Prerequisites: a two semester course in numerical analysis and a one semester advanced undergraduate course in ordinary differential equations, or permission of instructor.* 3 credits
0101 (34886) TuTh.....11:00am-12:15pm (MTH 0105) Babuska, I.

MAPL666 **Numerical Analysis I; Grade Method: REG/AUD.** *Prerequisites: MAPL 466, and MATH 410. Also offered as CMSC 666.* 3 credits
0101 (34896) TuTh..... 3:30pm- 4:45pm (CLB 0104) Elman, H.

MAPL667 **Numerical Analysis II; Grade Method: REG/AUD.** *Prerequisite: MAPL 666. Also offered as CMSC 667.* Course is offered in the spring semester only. 3 credits
0101 (34906) MWF.....11:00am-11:50am (MTH 0107) Osborn, J.

MAPL671 **Ordinary Differential Equations II; Grade Method: REG/AUD.** *Prerequisite: MATH 630, and MATH/MAPL 670 or equivalent. Also offered as MATH 671.* Course is offered in the spring semester only. 3 credits
0101 (34916) TuTh..... 2:00pm- 3:15pm (MTH 0104) Antman, S.

MAPL674 **Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD.** *Prerequisite: MATH/MAPL 673. Also offered as MATH 674.* Course is offered in the spring semester only. 3 credits
0101 (34926) TuTh..... 5:00pm- 6:15pm (MTH 0101) Haddocks, J.

MAPL698A **Advanced Topics in Applied Mathematics; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MAPL698B **Advanced Topics in Applied Mathematics: Computational Methods in Applied Mathematics and Physics; Grade Method: REG/AUD.** 3 credits
0201 (34985) MWF..... 2:00pm- 2:50pm (MTH 0201) Glaz, H.

MAPL699 **Applied Mathematics Seminar: Eigenvalue Problems for Ordinary Differential Equations; Grade Method: REG/AUD.** 1 credit
0101 (34995) Th..... 1:00pm- 2:00pm (MTH 0307) Greenberg, L.

MAPL799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MAPL899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

MATH Mathematics (Computer, Mathematical and Physical Sciences)

MATH001 **Review of High School Algebra; Grade Method: REG.** *Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University.* The notation 3 credits is used only for billing and full-time or part-time status. There is a special fee of $155 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits
0101 (35179) MWF..... 8:00am- 8:50am (MTH 0305) STAFF
0102 (35180) MWF..... 8:00am- 8:50am (MTH 0106) STAFF
0103 (35181) MWF..... 8:00am- 8:50am (MTH 0403) STAFF
0104 (35182) MWF..... 8:00am- 8:50am (MTH 0409) STAFF
0201 (35184) MWF..... 9:00am- 9:50am (MTH 0305) STAFF
0202 (35185) MWF..... 9:00am- 9:50am (MTH 1311) STAFF
0203 (35186) MWF..... 9:00am- 9:50am (MTH 0302) STAFF
0204 (35187) MWF..... 9:00am- 9:50am (MTH 0104) STAFF
0301 (35188) MWF.....10:00am-10:50am (MTH 0305) STAFF
0302 (35189) MWF.....10:00am-10:50am (MTH 0304) STAFF
0303 (35190) MWF.....10:00am-10:50am (MTH 1311) STAFF
0304 (35191) MWF.....10:00am-10:50am (MTH 0401) STAFF
0401 (35192) MWF.....11:00am-11:50am (MTH 0305) STAFF
0402 (35193) MWF.....11:00am-11:50am (MTH 1313) STAFF
0403 (35194) MWF.....11:00am-11:50am (MTH 1311) STAFF
0404 (35195) MWF.....11:00am-11:50am (CHE 2140) STAFF
0501 (35197) MWF.....12:00pm-12:50pm (MTH 0102) STAFF
0502 (35198) MWF.....12:00pm-12:50pm (MTH 0104) STAFF
0503 (35199) MWF.....12:00pm-12:50pm (MTH 0401) STAFF
0504 (35200) MWF.....12:00pm-12:50pm (MTH 0105) STAFF
0601 (35201) MWF..... 1:00pm- 1:50pm (MTH B0425) STAFF
0602 (35202) MWF..... 1:00pm- 1:50pm (MTH 0107) STAFF
0603 (35203) MWF..... 1:00pm- 1:50pm (MTH B0431) STAFF
0604 (35204) MWF..... 1:00pm- 1:50pm (MTH 0105) STAFF

MATH002 **Advanced Review of High School Algebra; Grade Method: REG.** *Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: MATH 001 or satisfactory score on the mathematics placement exam. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University.* The notation 3 credits is used for billing and full-time or part-time status. There is a special $155 fee for MATH 002. If dropping course, see Withdrawal and Refund of Fees-Special Refund Deadline in the Financial Information section of the Schedule of Classes. Anyone registering for MATH 002 must have already completed at least one full year of high school algebra. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits
0101 (35214) MWF..... 9:00am- 9:50am (MTH 1313) STAFF
0102 (35215) MWF..... 9:00am- 9:50am (MTH 1308) STAFF
0103 (35216) MWF..... 9:00am- 9:50am (MTH 0411) STAFF
0104 (35217) MWF..... 9:00am- 9:50am (MTH 0102) STAFF
0201 (35219) MWF.....10:00am-10:50am (MTH 0303) STAFF
0202 (35220) MWF.....10:00am-10:50am (MTH 1308) STAFF
0203 (35221) MWF.....10:00am-10:50am (MTH 0411) STAFF
0204 (35222) MWF.....10:00am-10:50am (MTH 0104) STAFF
0301 (35224) MWF.....11:00am-11:50am (CHE 2118) STAFF
0302 (35225) MWF.....11:00am-11:50am (MTH 0102) STAFF
0303 (35226) MWF.....11:00am-11:50am (MTH 0104) STAFF
0304 (35227) MWF.....11:00am-11:50am (MTH B0431) STAFF
0401 (35229) MWF.....12:00pm-12:50pm (MTH B0423) STAFF
0402 (35230) MWF.....12:00pm-12:50pm (MTH B0427) STAFF
0403 (35231) MWF.....12:00pm-12:50pm (MTH B0431) STAFF
0404 (35232) MWF.....12:00pm-12:50pm (CHE 2118) STAFF
0501 (35234) MWF..... 1:00pm- 1:50pm (CHE 2136) STAFF
0502 (35235) MWF..... 1:00pm- 1:50pm (CHE 2140) STAFF
0503 (35236) MWF..... 1:00pm- 1:50pm (CHM 0122) STAFF
0504 (35237) MWF..... 1:00pm- 1:50pm (CHM 0127) STAFF
0601 (35238) TuTh.....11:00am-12:15pm (MTH 1308) STAFF
0602 (35239) TuTh.....11:00am-12:15pm (EGR 1102) STAFF
0603 (35240) TuTh.....11:00am-12:15pm (MTH 0302) STAFF
0604 (35241) TuTh.....11:00am-12:15pm (MTH 0301) STAFF
0701 (35242) TuTh.....12:30pm- 1:45pm (MTH 1308) STAFF
0702 (35243) TuTh.....12:30pm- 1:45pm (MTH 0409) STAFF
0703 (35244) TuTh.....12:30pm- 1:45pm (MTH 0403) STAFF

MATH110 **Elementary Mathematical Models; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 001. Not open to students majoring in mathematics, engineering, and the physical sciences. Not open to students who have completed MATH 140, 220, or any MATH or STAT course for which MATH 140 or 220 is a prerequisite.* 3 credits
01*5 (35255) MWF.....11:00am-11:50am (MTH 0303) STAFF
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0101 (35256) MWF.....11:00am-11:50am (MTH 0407) STAFF
0102 (35257) MWF.....11:00am-11:50am (MTH 0405) STAFF
0103 (35258) MWF.....11:00am-11:50am (MTH 0306) STAFF
0104 (35259) MWF.....11:00am-11:50am (MTH 0307) STAFF
0106 (35260) MWF.....11:00am-11:50am (MTH 0304) STAFF
0107 (35261) MWF.....11:00am-11:50am (MTH 1308) STAFF
0108 (35262) MWF.....11:00am-11:50am (MTH 0302) STAFF
0201 (35263) MWF.....12:00pm-12:50pm (MTH 0407) STAFF
0202 (35264) MWF.....12:00pm-12:50pm (MTH 0405) STAFF
0203 (35265) MWF.....12:00pm-12:50pm (MTH 0306) STAFF
0204 (35266) MWF.....12:00pm-12:50pm (MTH 0307) STAFF
0205 (35267) MWF.....12:00pm-12:50pm (MTH 0303) STAFF
0206 (35268) MWF.....12:00pm-12:50pm (MTH 0304) STAFF
0207 (35269) MWF.....12:00pm-12:50pm (MTH 1308) STAFF
0208 (35270) MWF.....12:00pm-12:50pm (MTH 0302) STAFF
0301 (35271) MWF..... 1:00pm- 1:50pm (MTH 0407) STAFF
0302 (35272) MWF..... 1:00pm- 1:50pm (MTH 0405) STAFF
0303 (35273) MWF..... 1:00pm- 1:50pm (MTH 0306) STAFF
0304 (35274) MWF..... 1:00pm- 1:50pm (MTH 0307) STAFF
0305 (35275) MWF..... 1:00pm- 1:50pm (MTH 0303) STAFF
0306 (35276) MWF..... 1:00pm- 1:50pm (MTH 0304) STAFF
0307 (35277) MWF..... 1:00pm- 1:50pm (MTH 1308) STAFF
0308 (35278) MWF..... 1:00pm- 1:50pm (MTH 0302) STAFF
0401 (35279) MWF..... 2:00pm- 2:50pm (MTH 0407) STAFF
0402 (35280) MWF..... 2:00pm- 2:50pm (MTH 0405) STAFF
0403 (35281) MWF..... 2:00pm- 2:50pm (MTH 0306) STAFF
0404 (35282) MWF..... 2:00pm- 2:50pm (MTH 0307) STAFF
0405 (35283) MWF..... 2:00pm- 2:50pm (MTH 0303) STAFF
0406 (35284) MWF..... 2:00pm- 2:50pm (MTH 0304) STAFF
0407 (35285) MWF..... 2:00pm- 2:50pm (MTH 1308) STAFF
0408 (35286) MWF..... 2:00pm- 2:50pm (MTH 0302) STAFF

MATH111 **Introduction to Probability; Grade Method: REG/P-F/AUD.** CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Not open to students who have completed STAT 100 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.* 3 credits
01*4 (35296) MWF..... 1:00pm- 1:50pm (MTH 0305) STAFF
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0101 (35297) MWF..... 1:00pm- 1:50pm (MTH 0409) STAFF
0102 (35298) MWF..... 1:00pm- 1:50pm (MTH 0403) STAFF
0103 (35299) MWF..... 1:00pm- 1:50pm (MTH 0106) STAFF
0105 (35300) MWF..... 1:00pm- 1:50pm (MTH B0423) STAFF
0106 (35301) MWF..... 1:00pm- 1:50pm (MTH 0401) STAFF
0201 (35303) MWF..... 2:00pm- 2:50pm (MTH 0409) STAFF
0202 (35304) MWF..... 2:00pm- 2:50pm (MTH 0403) STAFF
0203 (35305) MWF..... 2:00pm- 2:50pm (MTH 0106) STAFF
0204 (35306) MWF..... 2:00pm- 2:50pm (MTH 0305) STAFF
0205 (35307) MWF..... 2:00pm- 2:50pm (MTH B0423) STAFF
0206 (35308) MWF..... 2:00pm- 2:50pm (MTH 0401) STAFF

MATH113 (PermReq) **College Algebra with Applications; Grade Method: REG/P-F/AUD.** 3 credits
0101 (35319) MWF.....10:00am-10:50am (MTH 0103) STAFF
0102 (35320) MWF.....10:00am-10:50am (MTH 0409) STAFF
0201 (35322) MWF.....11:00am-11:50am (MTH 0103) STAFF
0202 (35323) MWF.....11:00am-11:50am (MTH 0409) STAFF

MATH115 **Precalculus; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department based on satisfactory score on the mathematics placement* 3 credits

exam or MATH 002. Not open to students who have completed MATH 140 or any MATH or STAT course for which MATH 140 is a prerequisite. Preparation for MATH 220 or MATH 140.

0101 (35333) MWF..... 8:00am- 8:50am (MTH 0407) STAFF
0102 (35334) MWF..... 8:00am- 8:50am (MTH 0405) STAFF
0103 (35335) MWF..... 8:00am- 8:50am (MTH 0306) STAFF
0104 (35336) MWF..... 8:00am- 8:50am (MTH 0307) STAFF
0105 (35337) MWF..... 8:00am- 8:50am (MTH 0303) STAFF
0106 (35338) MWF..... 8:00am- 8:50am (MTH 0304) STAFF
02*5 (35339) MWF..... 9:00am- 9:50am (MTH 0303) STAFF
0201 (35340) MWF..... 9:00am- 9:50am (MTH 0407) STAFF
0202 (35341) MWF..... 9:00am- 9:50am (MTH 0405) STAFF
0203 (35342) MWF..... 9:00am- 9:50am (MTH 0306) STAFF
0204 (35343) MWF..... 9:00am- 9:50am (MTH 0307) STAFF
0206 (35344) MWF..... 9:00am- 9:50am (MTH 0304) STAFF
0301 (35345) MWF..... 3:00pm- 3:50pm (MTH 0407) STAFF
0302 (35346) MWF..... 3:00pm- 3:50pm (MTH 0405) STAFF
0303 (35347) MWF..... 3:00pm- 3:50pm (MTH 0306) STAFF
0304 (35348) MWF..... 3:00pm- 3:50pm (MTH 0307) STAFF
0305 (35349) MWF..... 3:00pm- 3:50pm (MTH 0303) STAFF
0306 (35350) MWF..... 3:00pm- 3:50pm (MTH 0304) STAFF
0401 (35352) MWF..... 4:00pm- 4:50pm (MTH 0407) STAFF
0402 (35353) MWF..... 4:00pm- 4:50pm (MTH 0405) STAFF
0403 (35354) MWF..... 4:00pm- 4:50pm (MTH 0306) STAFF
0404 (35355) MWF..... 4:00pm- 4:50pm (MTH 0307) STAFF
0405 (35356) MWF..... 4:00pm- 4:50pm (MTH 0303) STAFF
0406 (35357) MWF..... 4:00pm- 4:50pm (MTH 0304) STAFF

MATH140 **Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220.* All sections will require use of a graphics calculator. (Preferred calculator is the Texas Instruments TI-81 or TI-82). Special note for sections 031* and 032*: These special sections will cover the same basic material as is usual for Math 140. In addition, there will be an emphasis placed on student interaction in groups, including a team approach to solving some challenging calculus-based problems. To facilitate this alternate learning environment, there will be 3 one-hour lectures and 2 two-hour workshops each week, as well as enhanced assistance and support for students. **4 credits**

0111 (35368) MWF.....11:00am-11:50am (ARM 0126) Ellis, R.
TuTh..... 8:00am- 8:50am (MTH 0407) Dis
0112 (35369) MWF.....11:00am-11:50am (ARM 0126) Ellis, R.
TuTh..... 8:00am- 8:50am (MTH 0305) Dis
0121 (35370) MWF.....11:00am-11:50am (ARM 0126) Ellis, R.
TuTh..... 9:00am- 9:50am (MTH 0407) Dis
0122 (35371) MWF.....11:00am-11:50am (ARM 0126) Ellis, R.
TuTh..... 9:00am- 9:50am (MTH 0305) Dis
0131 (35373) MWF.....11:00am-11:50am (ARM 0126) Ellis, R.
TuTh.....10:00am-10:50am (MTH 0407) Dis
0132 (35374) MWF.....11:00am-11:50am (ARM 0126) Ellis, R.
TuTh.....10:00am-10:50am (MTH 0305) Dis
0141 (35376) MWF.....11:00am-11:50am (ARM 0126) Ellis, R.
TuTh.....11:00am-11:50am (MTH 0407) Dis
0142 (35377) MWF.....11:00am-11:50am (ARM 0126) Ellis, R.
TuTh.....11:00am-11:50am (MTH 0305) Dis
0211 (35378) MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L.
TuTh.....12:00pm-12:50pm (MTH 0407) Dis
0212 (35379) MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L.
TuTh.....12:00pm-12:50pm (MTH 0305) Dis
0221 (35380) MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L.
TuTh..... 1:00pm- 1:50pm (MTH 0407) Dis
0222 (35381) MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L.
TuTh..... 1:00pm- 1:50pm (MTH 0305) Dis
0231 (35382) MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L.
TuTh..... 2:00pm- 2:50pm (MTH 0407) Dis
0232 (35383) MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L.
TuTh..... 2:00pm- 2:50pm (MTH 0305) Dis
0241 (35385) MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L.
TuTh..... 3:00pm- 3:50pm (MTH 0407) Dis
0242 (35386) MWF.....12:00pm-12:50pm (ARM 0135) Greenberg, L.
TuTh..... 3:00pm- 3:50pm (MTH 0305) Dis
031* (35387) MWF..... 2:00pm- 2:50pm (ARM 0126) Boyle, M.
TuTh..... 9:00am-10:50am (MTH 0105) Dis

This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
032* (35388) MWF..... 2:00pm- 2:50pm (ARM 0126) Boyle, M.
TuTh..... 1:00pm- 2:50pm (MTH 0105) Dis
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0335 (35389) MWF..... 2:00pm- 2:50pm (ARM 0126) Boyle, M.
TuTh..... 9:00am- 9:50am (MTH 0106) Dis
0336 (35390) MWF..... 2:00pm- 2:50pm (ARM 0126) Boyle, M.
TuTh..... 9:00am- 9:50am (MTH 0104) Dis
0345 (35391) MWF..... 2:00pm- 2:50pm (ARM 0126) Boyle, M.
TuTh..... 1:00pm- 1:50pm (MTH 0106) Dis
0346 (35392) MWF..... 2:00pm- 2:50pm (ARM 0126) Boyle, M.
TuTh..... 1:00pm- 1:50pm (MTH B0425) Dis
0501 (35393) MTuThF.... 2:00pm- 2:50pm (MTH 0411) Slud, E.

MATH141 **Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* All sections will require use of a graphics calculator. (Preferred calculator is the Texas Instruments TI-81 or TI-82). Special note for sections 041* and 042*: These special sections will cover the same basic material as is usual for MATH 141. In addition, there will be an emphasis placed on student interaction in groups-including a team approach to solving some challenging calculus-based problems. To facilitate this alternate learning environment, there will be 3 one-hour lectures and 2 two-hour workshops each week, as well as enhanced assistance and support for students. **4 credits**

0111 (35403) MWF.....10:00am-10:50am (ARM 0131) Gulick, D.
TuTh..... 8:00am- 8:50am (MTH 0304) Dis
0112 (35404) MWF.....10:00am-10:50am (ARM 0131) Gulick, D.
TuTh..... 8:00am- 8:50am (MTH 0103) Dis
0121 (35405) MWF.....10:00am-10:50am (ARM 0131) Gulick, D.
TuTh..... 9:00am- 9:50am (MTH 0304) Dis
0122 (35406) MWF.....10:00am-10:50am (ARM 0131) Gulick, D.
TuTh..... 9:00am- 9:50am (MTH 0103) Dis
0131 (35407) MWF.....10:00am-10:50am (ARM 0131) Gulick, D.
TuTh.....10:00am-10:50am (MTH 0304) Dis
0132 (35408) MWF.....10:00am-10:50am (ARM 0131) Gulick, D.
TuTh.....10:00am-10:50am (MTH 0103) Dis
0141 (35409) MWF.....10:00am-10:50am (ARM 0131) Gulick, D.
TuTh.....11:00am-11:50am (MTH 0304) Dis
0142 (35410) MWF.....10:00am-10:50am (ARM 0131) Gulick, D.
TuTh.....11:00am-11:50am (MTH 0103) Dis
0211 (35411) MWF.....11:00am-11:50am (ARM 0131) Berg, K.
TuTh..... 8:00am- 8:50am (MTH 0409) Dis
0212 (35412) MWF.....11:00am-11:50am (ARM 0131) Berg, K.
TuTh..... 8:00am- 8:50am (MTH 0403) Dis
0221 (35413) MWF.....11:00am-11:50am (ARM 0131) Berg, K.
TuTh..... 9:00am- 9:50am (MTH 0409) Dis
0222 (35414) MWF.....11:00am-11:50am (ARM 0131) Berg, K.
TuTh..... 9:00am- 9:50am (MTH 0403) Dis
0231 (35415) MWF.....11:00am-11:50am (ARM 0131) Berg, K.
TuTh.....10:00am-10:50am (MTH 0409) Dis
0232 (35416) MWF.....11:00am-11:50am (ARM 0131) Berg, K.
TuTh.....10:00am-10:50am (MTH 0403) Dis
0241 (35417) MWF.....11:00am-11:50am (ARM 0131) Berg, K.
TuTh.....11:00am-11:50am (MTH 0409) Dis
0242 (35418) MWF.....11:00am-11:50am (ARM 0131) Berg, K.
TuTh.....11:00am-11:50am (MTH 0403) Dis
041* (35419) MWF..... 2:00pm- 2:50pm (ARM 0135) Wolpert, S.
TuTh.....10:00am-10:50am (MTH 0201) Dis
042* (35420) MWF..... 2:00pm- 2:50pm (ARM 0135) Wolpert, S.
TuTh..... 1:00pm- 2:50pm (MTH 0201) Dis
0435 (35421) MWF..... 2:00pm- 2:50pm (ARM 0135) Wolpert, S.
TuTh..... 9:00am- 9:50am (MTH 0306) Dis
0436 (35422) MWF..... 2:00pm- 2:50pm (ARM 0135) Wolpert, S.
TuTh..... 9:00am- 9:50am (MTH 0102) Dis
0445 (35423) MWF..... 2:00pm- 2:50pm (ARM 0135) Wolpert, S.
TuTh..... 1:00pm- 1:50pm (MTH 0103) Dis
0446 (35424) MWF..... 2:00pm- 2:50pm (ARM 0135) Wolpert, S.
TuTh..... 1:00pm- 1:50pm (MTH B0429) Dis

MATH141H (PermReq) **Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221. Open only to University General Honors students.* **4 credits**

2011 (35437) TuTh..... 9:30am-10:45am (MTH 0401) Rudolph, D.
F..... 9:00am- 9:50am (MTH 0401)

MATH210 **Elements of Mathematics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field.* MATH 210 is open only to the following majors: 08230-educ. early childhood, 08020-educ elem, 0808B-spec educ. **4 credits**

0101 (35447) MW..... 8:00am- 8:50am (MTH B0425) STAFF
F..... 8:00am- 9:50am (MTH B0425)
0201 (35448) MF..... 8:00am- 8:50am (MTH B0427) STAFF
W..... 8:00am- 9:50am (MTH B0427)
0301 (35449) MW..... 9:00am- 9:50am (MTH B0425) STAFF
Th..... 8:00am- 9:50am (MTH B0425)
0401 (35450) MF..... 9:00am- 9:50am (MTH B0427) STAFF
Th..... 8:00am- 9:50am (MTH B0427)
0501 (35451) MTh.....11:00am-11:50am (MTH B0429) STAFF
W.....11:00am-12:50pm (MTH B0429)

MATH211 **Elements of Geometry; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 210.* **4 credits**

0101 (35461) MW.....11:00am-11:50am (MTH B0425) STAFF
Th.....10:00am-11:50am (MTH B0425)
0201 (35462) MF..... 1:00pm- 1:50pm (MTH B0429) STAFF
W..... 1:00pm- 2:50pm (MTH B0429)
0301 (35463) MF..... 1:00pm- 1:50pm (MTH B0427) STAFF
W..... 1:00pm- 2:50pm (MTH B0427)
0401 (35464) MF.....11:00am-11:50am (MTH 0411) STAFF
W.....11:00am-12:50pm (MTH 0411)

MATH220 **Elementary Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220.* Special note for sections 0111 through 0142 and section 0501: These sections will make extensive use of the computer to enhance the visualization of calculus concepts. **5 credits**

0111 (35474) MWF..... 9:00am- 9:50am (ARM 0126) Schneider, D.
Tu..... 8:00am- 8:50am (MTH 0307) Dis
0112 (35475) MWF..... 9:00am- 9:50am (ARM 0126) Schneider, D.
Tu..... 8:00am- 8:50am (MTH 1313) Dis
0121 (35476) MWF..... 9:00am- 9:50am (ARM 0126) Schneider, D.
Tu..... 9:00am- 9:50am (MTH 0307) Dis
0122 (35477) MWF..... 9:00am- 9:50am (ARM 0126) Schneider, D.
Tu..... 9:00am- 9:50am (MTH 1313) Dis
0131 (35478) MWF..... 9:00am- 9:50am (ARM 0126) Schneider, D.
Tu.....10:00am-10:50am (MTH 0307) Dis
0132 (35479) MWF..... 9:00am- 9:50am (ARM 0126) Schneider, D.
Tu.....10:00am-10:50am (MTH 1313) Dis
0141 (35480) MWF..... 9:00am- 9:50am (ARM 0126) Schneider, D.
Tu.....11:00am-11:50am (MTH 0307) Dis
0142 (35481) MWF..... 9:00am- 9:50am (ARM 0126) Schneider, D.
Tu.....11:00am-11:50am (MTH 1313) Dis
0311 (35482) TuTh.....12:30pm- 1:45pm (ARM 0126) Goldberg, S.
W.....12:00pm-12:50pm (MTH 1313) Dis
0312 (35483) TuTh.....12:30pm- 1:45pm (ARM 0126) Goldberg, S.
W.....12:00pm-12:50pm (MTH 1311) Dis
0321 (35484) TuTh.....12:30pm- 1:45pm (ARM 0126) Goldberg, S.
W..... 1.00pm- 1:50pm (MTH 1313) Dis
0322 (35485) TuTh.....12:30pm- 1:45pm (ARM 0126) Goldberg, S.
W..... 1:00pm- 1:50pm (MTH 1311) Dis
0331 (35486) TuTh.....12:30pm- 1:45pm (ARM 0126) Goldberg, S.
W..... 2:00pm- 2:50pm (MTH 1313) Dis
0332 (35487) TuTh.....12:30pm- 1:45pm (ARM 0126) Goldberg, S.
W..... 2:00pm- 2:50pm (MTH 1311) Dis
0341 (35488) TuTh.....12:30pm- 1:45pm (ARM 0126) Goldberg, S.
W..... 3:00pm- 3:50pm (MTH 1313) Dis
0342 (35489) TuTh.....12:30pm- 1:45pm (ARM 0126) Goldberg, S.
W..... 3:00pm- 3:50pm (MTH 1311) Dis
0411 (35490) TuTh..... 2:00pm- 3:15pm (ARM 0126) Grove, K.
F.....12:00pm-12:50pm (MTH 1313) Dis
0412 (35491) TuTh..... 2:00pm- 3:15pm (ARM 0126) Grove, K.
F.....12:00pm-12:50pm (MTH 1311) Dis
0421 (35492) TuTh..... 2:00pm- 3:15pm (ARM 0126) Grove, K.
F..... 1:00pm- 1:50pm (MTH 1313) Dis
0422 (35493) TuTh..... 2:00pm- 3:15pm (ARM 0126) Grove, K.
F..... 1:00pm- 1:50pm (MTH 1311) Dis
0431 (35494) TuTh..... 2:00pm- 3:15pm (ARM 0126) Grove, K.
F..... 2:00pm- 2:50pm (MTH 1313) Dis
0432 (35495) TuTh..... 2:00pm- 3:15pm (ARM 0126) Grove, K.
F..... 2:00pm- 2:50pm (MTH 1311) Dis
0441 (35496) TuTh..... 2:00pm- 3:15pm (ARM 0126) Grove, K.
F..... 3:00pm- 3:50pm (MTH 1313) Dis
0442 (35497) TuTh..... 2:00pm- 3:15pm (ARM 0126) Grove, K.
F..... 3:00pm- 3:50pm (MTH 1311) Dis
0501 (35498) MWF.....11:00am-11:50am (EGR 3110) Schneider, D.

MATH221 **Elementary Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221.* **5 credits**

0111 (35508) MWF.....12:00pm-12:50pm (ARM 0126) Lay, D.
Th..... 8:00am- 8:50am (MTH 0307) Dis
0112 (35509) MWF.....12:00pm-12:50pm (ARM 0126) Lay, D.
Th..... 8:00am- 8:50am (MTH 1313) Dis
0121 (35510) MWF.....12:00pm-12:50pm (ARM 0126) Lay, D.
Th..... 9:00am- 9:50am (MTH 0307) Dis
0122 (35511) MWF.....12:00pm-12:50pm (ARM 0126) Lay, D.
Th..... 9:00am- 9:50am (MTH 1313) Dis
0131 (35512) MWF.....12:00pm-12:50pm (ARM 0126) Lay, D.
Th.....10:00am-10:50am (MTH 0307) Dis
0132 (35513) MWF.....12:00pm-12:50pm (ARM 0126) Lay, D.
Th.....10:00am-10:50am (MTH 1313) Dis
0141 (35514) MWF.....12:00pm-12:50pm (ARM 0126) Lay, D.
Th.....11:00am-11:50am (MTH 0307) Dis
0142 (35515) MWF.....12:00pm-12:50pm (ARM 0126) Lay, D.
Th.....11:00am-11:50am (MTH 1313) Dis

MATH240 **Introduction to Linear Algebra; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461.* **4 credits**

0111 (35525) MWF.....12:00pm-12:50pm (ARM 0131) Kleppner, A.
TuTh.....12:00pm-12:50pm (MTH 1313) Dis
0112 (35526) MWF.....12:00pm-12:50pm (ARM 0131) Kleppner, A.
TuTh.....12:00pm-12:50pm (MTH 1311) Dis
0121 (35527) MWF.....12:00pm-12:50pm (ARM 0131) Kleppner, A.
TuTh..... 1:00pm- 1:50pm (MTH 1313) Dis
0122 (35528) MWF.....12:00pm-12:50pm (ARM 0131) Kleppner, A.
TuTh..... 1:00pm- 1:50pm (MTH 1311) Dis
0131 (35529) MWF.....12:00pm-12:50pm (ARM 0131) Kleppner, A.
TuTh..... 2:00pm- 2:50pm (MTH 1313) Dis
0132 (35530) MWF.....12:00pm-12:50pm (ARM 0131) Kleppner, A.
TuTh..... 2:00pm- 2:50pm (MTH 1311) Dis
0141 (35531) MWF.....12:00pm-12:50pm (ARM 0131) Kleppner, A.
TuTh..... 3:00pm- 3:50pm (MTH 1313) Dis
0142 (35532) MWF.....12:00pm-12:50pm (ARM 0131) Kleppner, A.
TuTh..... 3:00pm- 3:50pm (MTH 1311) Dis

MATH241 **Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 171.* **4 credits**

0101 (35543) MTuWF.....11:00am-11:50am (MTH 0106) Green, P.
0201 (35544) TuWThF....10:00am-10:50am (MTH 0106) Rohrlich, D.
0301 (35545) M..... 9:00am-10:50am (MTH 0106) Sather, J.
WF..... 9:00am- 9:50am (MTH 0106)
0401 (35546) TuTh..... 2:00pm- 3:15pm (MTH B0427) Winkelnkemper,
F..... 2:00pm- 2:50pm (MTH B0427)
0501 (35547) MTuWF.....12:00pm-12:50pm (MTH B0425) Currier, A.
0601 (35548) MTuWF..... 1:00pm- 1:50pm (MTH 0411) STAFF
0701 (35549) TuTh.....12:30pm- 1:45pm (MTH 0104) Wu, C.
F..... 1:00pm- 1:50pm (MTH 0104)
0801 (35550) MTuThF....12:00pm-12:50pm (MTH 0411) STAFF
0901 (35551) MWThF.....10:00am-10:50am (MTH 0306) STAFF

MATH241H (PermReq) **Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 171.* Open only to General University Honors students. **4 credits**

2011 (35561) TuTh..... 9:30am-10:45am (MTH B0423) Schafer, J.
F.....10:00am-10:50am (MTH B0423)

MATH246 **Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 141 or equivalent.* **5 credits**

0101 (35571) MWF..... 8:00am- 8:50am (MTH B0421) Gray, A.
0201 (35572) MWF.....10:00am-10:50am (MTH B0421) Coombes, K.
0301 (35573) MWF.....10:00am-10:50am (MTH 0405) Osborn, J.
0401 (35574) MWF.....12:00pm-12:50pm (MTH 0103) Warner, C.
0501 (35575) MWF.....12:00pm-12:50pm (MTH 0409) Cook, C.
0601 (35576) MWF..... 1:00pm- 1:50pm (MTH 0102) Helzer, G.
0701 (35577) MWF..... 2:00pm- 2:50pm (MTH 0105) Wolfe, P.
0801 (35578) TuTh..... 8:00am- 9:15am (MTH B0421) Johnson, R.
0901 (35579) TuTh..... 9:30am-10:45am (MTH 0101) Wilkerson, T.
1001 (35580) TuTh.....11:00am-12:15pm (MTH B0421) STAFF
1101 (35581) TuTh.....12:30pm- 1:45pm (MTH 0405) Fitzpatrick, P.
1201 (35582) TuTh..... 2:00pm- 3:15pm (MTH B0421) STAFF

MATH246H (PermReq) **Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 141 or equivalent.* **5 credits**

2011 (35592) TuTh.....11:00am-12:15pm (MTH B0423) Lipsman, R.

MATH251 (PermReq) **Analysis II (Honors); Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 250.* Course is offered in the spring semester only. **4 credits**

01*1 (35602) MWThF.....10:00am-10:50am (MTH 0102) Stuck, G.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

MATH299A (PermReq) **Selected Topics in Mathematics; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number.** **1-3 credits**

MATH388 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* **3-6 credits**

MATH400 **Vectors and Matrices; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 221 or equivalent. Not open to students in the CMPS or Engineering Colleges. Credit will be granted for only one of the following: MATH 240, MATH 400, or MATH 461.* **3 credits**

0101 (35620) MWF..... 9:00am- 9:50am (MTH 0107) Lay, D.

MATH401 **Applications of Linear Algebra; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 240 or MATH 461.* **3 credits**

0101 (35630) MWF.....10:00am-10:50am (MTH 0307) Helzer, G.
0201 (35631) MWF.....11:00am-11:50am (MTH 0403) Dancis, J.
0301 (35632) TuTh..... 9:30am-10:45am (MTH 0405) STAFF

MATH402 **Algebraic Structures; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403.* Students planning graduate work in mathematics should take MATH 403. **3 credits**

0101 (35642) TuTh..... 2:00pm- 3:15pm (MTH 0306) Adams, W.

MATH403 **Introduction to Abstract Algebra; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 240 and MATH 241, or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403.* **3 credits**

0101 (35652) MWF..... 9:00am- 9:50am (MTH 0403) Ellis, R.
0201 (35653) MWF.....10:00am-10:50am (MTH 1313) Currier, A.

MATH404 **Field Theory; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 403.* Course is offered in the spring semester only. **3 credits**

0101 (35663) TuTh.....12:30pm- 1:45pm (MTH 0107) Grove, K.

MATH405 **Linear Algebra; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 240 or MATH 461.* **3 credits**

0101 (35673) TuTh..... 9:30am-10:45am (MTH 0303) Goldberg, S.

MATH406 **Introduction to Number Theory; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: MATH 141 or permission of department.* **3 credits**

0101 (35683) MWF..... 1:00pm- 1:50pm (MTH 0103) STAFF
0201 (35684) TuTh..... 8:00am- 9:15am (MTH 0101) Lipsman, R.
0301 (35685) TuTh.....12:30pm- 1:45pm (MTH B0421) Rudolph, D.
0401 (35686) TuTh.....11:00am-12:15pm (MTH 0101) Adams, J.

MATH410 (PermReq) **Advanced Calculus I; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 240, and MATH 241.* **3 credits**

0101 (35696) TuTh..... 8:00am- 9:15am (MTH 0405) Fitzpatrick, P.
0201 (35697) TuTh..... 3:30pm- 4:45pm (MTH 0101) Hamilton, D.

MATH411 (PermReq) **Advanced Calculus II; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 410.* **3 credits**

0101 (35707) MWF..... 9:00am- 9:50am (MTH 0101) Berg, K.
0201 (35708) MWF.....11:00am-11:50am (MTH 0101) Neri, U.

MATH414 **Differential Equations; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 410; and MATH 240 or equivalent.* **3 credits**

0101 (35718) MWF..... 9:00am- 9:50am (MTH B0429) Cook, C.

MATH417 **Introduction to Fourier Analysis; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 410.* Course is offered in the spring semester only. **3 credits**

0101 (35728) MWF.....12:00pm-12:50pm (MTH 0107) Auslander, J.

MATH430 **Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: MATH 141.* **3 credits**

0101 (35738) MWF..... 9:00am- 9:50am (MTH 0103) Green, P.
0201 (35739) TuTh.....12:30pm- 1:45pm (MTH 0304) Winkelnkemper,

MATH437 **Differential Geometry of Curves and Surfaces II; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 436.* Course is offered in the spring semester only. **3 credits**

0101 (35749) TuTh.....11:00am-12:15pm (MTH 0107) Iozzi, A.

MATH448 **Axiomatic Set Theory; Grade Method: REG/P-F/AUD.** *Prerequisite: MATH 403 or MATH 410.* Course is offered in the spring semester only. **3 credits**

0101 (35759) MWF.....10:00am-10:50am (MTH 0107) Laskowski, M.

MATH450 **Logic for Computer Science; Grade Method: REG/P-F/AUD.** *Prerequisites: (CMSC 251 and MATH 141) (with grade of C or better). Also offered as CMSC 450. Credit will be granted for only one of the following: MATH 445 or MATH 450/CMSC 450.* **3 credits**

0101 (35769) MWF..... 9:00am- 9:50am (MTH 0409) Lopez-Escobar,
0201 (35770) TuTh..... 5:00pm- 6:15pm (CLB 0109) Perlis, D.

MATH461 **Linear Algebra for Scientists and Engineers; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461.* **3 credits**

0101 (35780) MWF..... 8:00am- 8:50am (MTH 0101) Chu, H.
0201 (35781) MWF..... 2:00pm- 2:50pm (MTH 0101) Dancis, J.
0301 (35782) MWF.....10:00am-10:50am (MTH B0425) STAFF
0401 (35783) TuTh..... 9:30am-10:45am (MTH B0421) Yakobson, M.
0501 (35784) TuTh.....11:00am-12:15pm (MTH 0405) Herb, R.
0601 (35785) TuTh.....12:30pm- 1:45pm (MTH 0101) Efrat, I.

MATH462 **Partial Differential Equations for Scientists and Engineers; Grade Method: REG/P-F/AUD.** *Prerequisites: MATH 241, and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415.* **3 credits**

0101 (35795) MWF.....11:00am-11:50am (MTH B0421) Stuck, G.
0201 (35796) MWF..... 2:00pm- 2:50pm (MTH B0421) Greenberg, L.
0301 (35797) TuTh.....11:00am-12:15pm (MTH 0306) Cooper, J.
0401 (35798) TuTh..... 2:00pm- 3:15pm (MTH 0101) Wang, X.

MATH463 Complex Variables for Scientists and Engineers; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 241 or equivalent.* — 3 credits
0101 (35808) MWF.....10:00am-10:50am (MTH 0403) Kleppner, A.
0201 (35809) MWF.....12:00pm-12:50pm (MTH B0421) Sather, J.
0301 (35810) MWF..... 1:00pm- 1:50pm (MTH 0101) Neri, U.
0401 (35811) TuTh..... 3:30pm- 4:45pm (MTH 0405) Wang, X.

MATH463H (PermReq) Complex Variables for Scientists and Engineers; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 241 or equivalent.* — 3 credits
2011 (35821) MWF..... 9:00am- 9:50am (MTH B0423) Chu, H.

MATH464 Transform Methods for Scientists and Engineers; Grade Method: REG/P-F/AUD. *Prerequisites: MATH 246; and MATH 463.* — 3 credits
0101 (35831) TuTh.....12:30pm- 1:45pm (MTH B0427) Zombro, B.

MATH473 Methods and Models in Applied Mathematics II; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 472 or permission of department. Also offered as MAPL 473. Credit will be granted for only one of the following: MATH 473 and MAPL 473.* Course is offered in the spring semester only. — 3 credits
0101 (35841) MWF.....11:00am-11:50am (MTH B0423) Pego, R.

MATH475 Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD. *Prerequisites: MATH 240; and MATH 241. Also offered as CMSC 475. Credit will be granted for only one of the following: MATH 475 or CMSC 475.* — 3 credits
0101 (35851) MWF..... 2:00pm- 2:50pm (MTH B0431) STAFF

MATH478A (PermReq) Selected Topics For Teachers of Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117. — 1-3 credits

MATH498A (PermReq) Selected Topics in Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-9 credits

MATH498B Selected Topics in Mathematics: Differential Equations in Action; Grade Method: REG/P-F/AUD. — 3 credits
0101 (35903) TuTh.....12:30pm- 1:45pm (MTH 0302) Elliott, D.

MATH601 Abstract Algebra II; Grade Method: REG/AUD. *Prerequisite: MATH 600.* Course is offered in the spring semester only. — 3 credits
0101 (35913) MWF.....12:00pm-12:50pm (MTH 0201) Coombes, K.

MATH608A Selected Topics in Algebra; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH608B Selected Topics in Algebra: Rigid Analytic Spaces and Mumford Curves; Grade Method: REG/AUD. — 3 credits
0201 (35934) TuTh..... 9:30am-10:45am (MTH 0107) Kudla, S.

MATH630 Real Analysis I; Grade Method: REG/AUD. *Prerequisite: MATH 411 or equivalent.* — 3 credits
0101 (35944) MWF..... 9:00am- 9:50am (MTH B0421) Markley, N.

MATH631 Real Analysis II; Grade Method: REG/AUD. *Prerequisite: MATH 630.* Course is offered in the spring semester only. — 3 credits
0101 (35954) MWF..... 1:00pm- 1:50pm (MTH 0201) Warner, C.

MATH634 Harmonic Analysis; Grade Method: REG/AUD. *Prerequisite: MATH 631.* Course is offered in the spring semester only. — 3 credits
0101 (35964) TuTh.....12:30pm- 1:45pm (MTH 0401) Benedetto, J.

MATH643 Dynamical Systems II; Grade Method: REG/AUD. *Prerequisite: MATH 642 or equivalent.* Course is offered in the spring semester only. — 3 credits
0101 (35974) MWF.....10:00am-10:50am (MTH 0201) Boyle, M.

MATH648A Selected Topics in Analysis; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH648B Selected Topics in Analysis: Lie Algebras and Representation Theory; Grade Method: REG/AUD. — 3 credits
0201 (36017) TuTh..... 2:00pm- 3:15pm (MTH 0102) Adams, J.

MATH660 Complex Analysis I; Grade Method: REG/AUD. *Prerequisite: MATH 410 or equivalent.* — 3 credits
0101 (36027) TuTh.....11:00am-12:15pm (MTH 0401) Efrat, I.

MATH661 Complex Analysis II; Grade Method: REG/AUD. *Prerequisites: MATH 630; and MATH 660.* Course is offered in the spring semester only. — 3 credits
0101 (36037) TuTh.....11:00am-12:15pm (MTH 0104) Berenstein, C.

MATH668A Selected Topics in Complex Analysis; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH671 Ordinary Differential Equations II; Grade Method: REG/AUD. *Prerequisites: MATH 630; and MATH/MAPL 670 or the equivalent. Also offered as MAPL 671.* Course is offered in the spring semester only. — 3 credits
0101 (36052) TuTh..... 2:00pm- 3:15pm (MTH 0104) Antman, S.

MATH674 Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD. *Prerequisite: MATH 673. Also offered as MAPL 674.* Course is offered in the spring semester only. — 3 credits
0101 (36062) TuTh..... 5:00pm- 6:15pm (MTH 0101) Haddocks, J.

MATH713 Mathematical Logic II; Grade Method: REG/AUD. *Prerequisite: MATH 712 or MATH 447.* Course is offered in the spring semester only. — 3 credits
0101 (36072) MWF.....11:00am-11:50am (MTH 0401) Laskowski, M.

MATH718A Selected Topics in Mathematical Logic; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH734 Algebraic Topology; Grade Method: REG/AUD. *Prerequisite: MATH 403 or equivalent. Recommended: MATH 730.* Course is offered in the spring semester only. — 3 credits
0101 (36087) TuTh.....12:30pm- 1:45pm (MTH B0423) Schafer, J.

MATH742 Differential Topology; Grade Method: REG/AUD. *Prerequisites: MATH 410; and MATH 411 or equivalent.* Course is offered in the spring semester only. — 3 credits
0101 (36097) MWF..... 2:00pm- 2:50pm (MTH 0107) King, H.

MATH748A Selected Topics in Geometry and Topology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH748B Selected Topics in Geometry and Topology: The Classification of Manifolds; Grade Method: REG/AUD. — 3 credits
0201 (36121) MWF.....11:00am-11:50am (MTH B0427) Rosenberg, J.

MATH748C Selected Topics in Geometry and Topology; Grade Method: REG/AUD. — 3 credits
0301 (36131) TuTh..... 3:30pm- 4:45pm (MTH B0421) Gromov, M.

MATH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MATH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES608A Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. — 1 credit
0101 (36283) M..... 4:00pm- 5:30pm (SVM 1308) STAFF

MEES608B Seminar in Marine-Estuarine-Environmental Sciences: Environmental Chemistry/Geochemistry; Grade Method: REG/AUD. Course meets at Chesapeake Biological Laboratory. — 1 credit
0101 (36293) M..... 3:30pm- 4:30pm (Arranged) Harvey, H.

MEES608C Seminar in Marine-Estuarine-Environmental Sciences: Advances in Microbial Ecology; Grade Method: REG/AUD. Course meets at Chesapeake Biological Laboratory. — 1 credit
0101 (36303) M..... 3:30pm- 4:30pm (Arranged) Capone, D.

MEES608D Seminar in Marine-Estuarine-Environmental Sciences: Fluid Dynamics in Ecology; Grade Method: REG/AUD. Course is taught at Horn Point Environmental Laboratory. — 1-2 credits
0101 (36313) Time and room to be arranged Sanford, L.

MEES608E Seminar in Marine-Estuarine-Environmental Sciences: Ecology of Gelatinous Zooplankton; Grade Method: REG/AUD. Course is taught at Horn Point Environmental Laboratory and on intervideo network. — 2 credits
0101 (36323) Time and room to be arranged Purcell, J.

MEES608G Seminar in Marine-Estuarine-Environmental Sciences: Scaled Dependent Variability and the Prediction of Ecosystem Responses to Perturbations; Grade Method: REG/AUD. — 1 credit
0101 (36333) Time and room to be arranged Malone, T.

MEES608N Seminar in Marine-Estuarine-Environmental Sciences: Marine Biotechnology; Grade Method: REG/AUD. Course meets at Center of Marine Biotechnology, Baltimore. — 1 credit
0101 (36343) Time and room to be arranged Jagus, R.

MEES608T Seminar in Marine-Estuarine-Environmental Sciences: Marine Microbiology Biotechnology Journal Review Seminar; Grade Method: REG/AUD. Course to be offered at Center for Marine Biotechnology, Baltimore. — 1-2 credits
0101 (36353) F.....12:30pm- 1:30pm (Arranged) Beles, M.

MEES621 Ecology of Estuarine and Marine Environments; Grade Method: REG/AUD. Course is taught at Horn Point Environmental Laboratory and on intervideo network. — 3 credits
0101 (36363) MWF..... 1:00pm- 2:00pm (WDS 1131) Fisher, T.
Time and room to be arranged Lab

MEES641 (PermReq) Environmental Toxicology; Grade Method: REG/AUD. *Prerequisite: permission of instructor.* Course is taught at Appalachian Environmental Laboratory. — 3 credits
0101 (36373) Time and room to be arranged STAFF

MEES698B Special Topics in Marine-Estuarine-Environmental Sciences: Ecotoxicology; Grade Method: REG/AUD. — 3 credits
0101 (36383) Time and room to be arranged Wright, D.

MEES698C Special Topics in Marine-Estuarine-Environmental Sciences: Aquaculture; Grade Method: REG/AUD. Course is being taught at Horn Point Environmental Lab, Cambridge, MD. — 3 credits
0101 (36393) Th..... 9:00am-12:00pm (Arranged) Harrell, R.

MEES698G Special Topics in Marine-Estuarine-Environmental Sciences: Marine Geochemistry; Grade Method: REG/AUD. Course will be taught on the intervideo network at UMCP. — 3 credits
0101 (36409) TuTh.....12:30pm- 1:45pm (CHM 0128) Harvey, H.

MEES698M Special Topics in Marine-Estuarine-Environmental Sciences: Modeling Physical and Chemical Processes in Natural Waters; Grade Method: REG/AUD. Course will be taught at Chesapeake Biological Laboratory and on intervideo network. — 3 credits
0101 (36419) TuTh.....10:00am-12:00pm (Arranged) Baker, J.

MEES698T Special Topics in Marine-Estuarine-Environmental Sciences: Numeric Methods in Geochemical Modeling; Grade Method: REG/AUD. — 1-4 credits
0101 (36429) Th..... 9:30am-11:30am (JMZ 1211) Rice, D.

MEES699 (PermReq) Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MEES743 (PermReq) Aquatic Toxicology; Grade Method: REG/AUD. *Prerequisites: MEES 641; and BCHM 462 or permission of instructor.* Course will be taught at UMBC. — 3 credits
0101 (36539) F..... 1:00pm- 4:00pm (Arranged) Roesijadi, G.

MEES799 Masters Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MEES899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

METO Meteorology (Computer, Mathematical and Physical Sciences)

METO123 Causes and Implications of Global Change; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. *Also offered as BOTN 123, GEOG 123, and GEOL 123. Credit will be granted for only one of the following: BOTN 123, GEOG 123, GEOL 123, or METO 123.* — 3 credits
0101 (36795) MWF..... 2:00pm- 2:50pm (HJP 2242) Thompson, O.

METO401 Global Environment; Grade Method: REG/AUD. *Prerequisite: METO 400.* — 3 credits
0101 (36805) TuTh..... 2:00pm- 3:15pm (CSS 2114) Robock, A.

METO499 (PermReq) Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

METO611 Dynamic Meteorology II; Grade Method: REG/AUD. *Prerequisite: METO 610.* — 3 credits
0101 (36825) MWF.....11:00am-11:50am (CSS 2114) Nigam, S.

METO621 Physical Meteorology II - Atmospheric Radiation; Grade Method: REG/AUD. *Prerequisites: MATH 462; and METO 620.* — 3 credits
0101 (36835) TuTh..... 9:30am-10:45am (CSS 2114) Hudson, R.

METO630 Statistical Methods in Meteorology; Grade Method: REG/AUD. *Prerequisite: STAT 400 or equivalent.* — 3 credits
0101 (36845) MWF.....10:00am-10:50am (CSS 2114) Vernekar, A.

METO637 Atmospheric Chemistry; Grade Method: REG/AUD. *Prerequisites: CHEM 481 or METO 620. Also offered as CHEM 637.* — 3 credits
0101 (36855) TuTh..... 2:00pm- 3:15pm (CSS 2106) Dickerson, R.

METO640 Micrometeorology; Grade Method: REG/AUD. *Prerequisites: (MATH 461; and METO 621) or permission of instructor.* — 3 credits
0101 (36865) TuTh.....11:00am-12:15pm (CSS 2114) Pinker, R.

METO658E (PermReq) Special Topics in Meteorology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

METO658G Special Topics in Meteorology: Atmospheric Radiation; Grade Method: REG/AUD. — 1-3 credits
0101 (36885) TuTh..... 8:00am- 9:15am (CSS 2114) Ellingson, R.

METO671 Air-Sea Interaction; Grade Method: REG/AUD. *Prerequisite: MATH 462. Corequisite: METO 610.* — 3 credits
0101 (36895) TuTh..... 1:00pm- 2:30pm (CSS 2106) Carton, J.

METO798 Directed Graduate Research; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Course intended for those students not yet admitted to PhD candidacy to work on research with a professor. — 1-3 credits

METO899 Doctoral Dissertation Research; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

MICB Microbiology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

MICB100 Microbes and Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Credit will be granted for only one of the following: MICB 100 or MICB 200.* Labs will start on first day of classes. — 4 credits
0101 (36974) MWF.....10:00am-10:50am (ZOP 1243) Benson, S.
MW..... 9:00am- 9:50am (MCB 1206) Lab
0102 (36975) MWF.....10:00am-10:50am (ZOP 1243) Benson, S.
MW.....11:00am-11:50am (MCB 1206) Lab
0103 (36976) MWF.....10:00am-10:50am (ZOP 1243) Benson, S.
MW.....12:00pm-12:50pm (MCB 1206) Lab

MICB200 General Microbiology; Grade Method: REG/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200.* Labs will start on first Wednesday of semester. — 4 credits
0101 (36986) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 9:00am-10:50am (MCB 1205) Lab
0102 (36987) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 9:00am-10:50am (MCB 1201) Lab
0103 (36988) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW.....12:00pm- 1:50pm (MCB 1205) Lab
0105 (36989) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 2:00pm- 3:50pm (MCB 1205) Lab
0106 (36990) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 2:00pm- 3:50pm (MCB 1201) Lab
0107 (36991) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 9:00am-10:50am (MCB 1205) Lab
0108 (36992) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 9:00am-10:50am (MCB 1201) Lab
0109 (36993) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh.....12:00pm- 1:50pm (MCB 1205) Lab
0110 (36994) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh.....12:00pm- 1:50pm (MCB 1201) Lab
0111 (36995) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 2:00pm- 3:50pm (MCB 1205) Lab
0112 (36996) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 2:00pm- 3:50pm (MCB 1201) Lab
0113 (36997) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 4:00pm- 6:00pm (MCB 1201) Lab
0114 (36998) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW..... 4:00pm- 6:00pm (MCB 1205) Lab
0115 (36999) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 4:00pm- 6:00pm (MCB 1201) Lab
0116 (37000) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
TuTh..... 4:00pm- 6:00pm (MCB 1205) Lab

MICB200H (PermReq) General Microbiology; Grade Method: REG. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200.* Labs will start on the first Wednesday of semester. Limited to General Honors students; obtain permission from General Honors Office. MICB majors who are not in General Honors may see the Microbiology Dept. for special permission. — 4 credits
0101 (37010) TuTh.....11:00am-11:50am (ZOP 1240) Smith, A.
MW.....11:00am-12:50pm (MCB 1201) Lab

MICB378 (PermReq) Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. — 3 credits

MICB380 Bacterial Genetics; Grade Method: REG. *Prerequisites: CHEM 243 or CHEM 245 and MICB 200.* — 4 credits
0101 (37030) MW.....12:00pm-12:50pm (MCB 1207) Gdovin, S.
TuTh.....12:00pm- 2:00pm (MCB 1103A) Lab
0102 (37031) MW.....12:00pm-12:50pm (MCB 1207) Gdovin, S.
TuTh.....12:00pm- 2:00pm (MCB 1104) Lab

MICB388 (PermReq) Special Topics in Microbiology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements. — 1-4 credits

MICB388A Special Topics in Microbiology: Immunology; Grade Method: REG/AUD. Prerequisite: MICB 440 or permission of department. — 2 credits
0101 (37051) TuTh.....11:00am-11:50am (MCB 1207) Roberson, B.
F.....10:00am-10:50am (MCB 1135) Dis

MICB388R Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG/P-F/AUD. — 1-4 credits
0101 (37061) Time and room to be arranged Joseph, S.

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. — 3 credits

MICB420 Epidemiology and Public Health; Grade Method: REG/P-F/AUD. *Prerequisite: MICB 200.* — 2 credits
0101 (37080) MW.....11:00am-11:50am (MCB 1207) Joseph, S.

MICB450 Immunology; Grade Method: REG. *Prerequisite: MICB 440. Credit will be granted for only one of the following: ZOOL 455 or MICB 450.* Student should have attained minimum level of 80 completed credits. — 4 credits
0101 (37090) TuTh.....11:00am-11:50am (MCB 1207) Roberson, B.
TuTh..... 2:00pm- 4:00pm (MCB 1143) Lab
0102 (37091) TuTh.....11:00am-11:50am (MCB 1207) Roberson, B.
TuTh..... 2:00pm- 4:00pm (MCB 1135) Lab

MICB453 Recombinant DNA Laboratory; Grade Method: REG. *Pre- or corequisite: course in Recombinant DNA. Credit will be granted for only one of the following: MICB 453 or ZOOL 453.* — 3 credits
0101 (37101) MW..... 1:00pm- 5:00pm (MCB 1207) Stein, D.

0102 (37102) MW..... 1:00pm- 5:00pm (MCB 1143) Lab
MW..... 1:00pm- 5:00pm (MCB 1207) Stein, D.
MW..... 1:00pm- 5:00pm (MCB 1135) Lab

MICB470 Microbial Physiology; Grade Method: REG/AUD. 3 credits
Prerequisite: MICB 200. Pre- or corequisite: BCHM 462.
0101 (37112) MWF.....10:00am-10:50am (MCB 1207) Yuan, R.

MICB688 (PermReq) Special Topics; Grade Method: REG/AUD. 1-4 credits
Individual Instruction course: contact department or instructor to obtain section number.

MICB688A (PermReq) Special Topics: Current Topics in Marine Microbiology and Biotechnology; Grade Method: REG/AUD. 1 credit
0101 (37130) Time and room to be arranged Colwell, R.

MICB688D (PermReq) Special Topics: Current Topics in Marine Biotechnology; Grade Method: REG/AUD. 1 credit
0101 (37140) Time and room to be arranged Weiner, R.

MICB688M (PermReq) Special Topics: Molecular Genetics of Bacterial Regulatory Systems; Grade Method: REG. 2 credits
0301 (37150) Time and room to be arranged Benson, S.

MICB688T (PermReq) Special Topics: Microbial Development; Grade Method: REG. 2 credits
0101 (37160) Time and room to be arranged Trun, N.

MICB688Z (PermReq) Special Topics: Recombinant DNA Lab; Grade Method: REG. 2 credits
0101 (37170) MW..... 1:00pm- 5:00pm (MCB 1138) Lab Stein, D.

MICB750 Advanced Immunology; Grade Method: REG/AUD. 2 credits
0101 (37180) MW..... 9:00am- 9:50am (MCB 1207) Roberson, B.

MICB780 Genetics of Microorganisms; Grade Method: REG/AUD. *Prerequisite: BCHM 461, and BCHM 462 or equivalent.* 2 credits
0101 (37190) Th..... 4:00pm- 5:50pm (MCB 1207) Robb, F.

MICB789 Seminar; Grade Method: REG/AUD. 1 credit
0101 (37200) TuTh..... 2:00pm- 4:00pm (MCB 1207) Destefano, J.
F.....12:00pm-12:50pm (MCB 1207)
F..... 3:00pm- 5:00pm (MCB 1207)

MICB799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MICB899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

MOCB Molecular and Cell Biology (Life Sciences)

MOCB639 Advanced Cell Biology; Grade Method: REG/AUD. 3 credits
0101 (37281) TuTh..... 3:30pm- 4:45pm (HBK 0125) Ades, I.

MOCB640 Protein Structure and Function; Grade Method: REG. 3 credits
0101 (37291) TuTh..... 2:00pm- 3:15pm (HBK 0125) Moult, J.

MOCB699 (PermReq) Laboratory Rotation; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

MUED Music Education (Arts and Humanities)

MUED197 (PermReq) Pre-Professional Experiences; Grade Method: REG/P-F/AUD. *Limited to music education majors.* 1 credit
0101 (37398) M.....11:00am-12:50pm (TWS 2123) STAFF
W.....11:00am-11:50am (TWS 2123) Lab

MUED420 Instrumental Music: Methods, Materials and Administration for Secondary School; Grade Method: REG/AUD. 2 credits
0101 (37408) Tu..... 9:00am-11:00am (TWS 2123) STAFF
Th..... 9:00am-10:00am (TWS 2123)

MUED472 (PermReq) Choral Techniques and Repertoire; Grade Method: REG/AUD. *Prerequisites: MUED 470 and MUSC 490.* 2 credits
0101 (37418) Tu.....11:00am-11:50am (TWS 2123) McCarthy, M.
Th.....10:00am-11:50am (TWS 2123)

MUED478 (PermReq) Special Topics in Music Education: General Music in Middle/Junior High Schools; Grade Method: REG/AUD. 2 credits
0101 (37428) Tu..... 9:00am-10:50am (TWS 3132) McCarthy, M.
Th..... 9:00am- 9:50am (TWS 3132)

MUED478A (PermReq) Special Topics in Music Education: Organizing Elementary Teaching Experiences in Music; Grade Method: REG/AUD. 2 credits
0101 (37438) Time and room to be arranged McCarthy, M.
0201 (37439) TBA (TWS 3132) McCarthy, M.

MUED498A (PermReq) Workshops, Clinics, Institutes: Structuring a Multicultural Music Curriculum; Grade Method: REG/P-F/AUD. 3 credits
0101 (37449) Tu..... 6:30pm- 9:00pm (TWS 3132) McCarthy, M.

MUED498B (PermReq) Workshops, Clinics, Institutes: Psychology of Music Teaching; Grade Method: REG/P-F/AUD. 3 credits
0101 (37459) W..... 6:30pm- 9:00pm (TWS 3132) STAFF

MUED690 Research Methods in Music and Music Education; Grade Method: REG/AUD. 3 credits
0101 (37469) M..... 6:30pm- 9:00pm (TWS 3132) STAFF

MUED698A (PermReq) Current Trends in Music Education: Structuring a Multicultural Music Curriculum; Grade Method: REG/AUD. 3 credits
0101 (37479) Tu..... 6:30pm- 9:00pm (TWS 3132) McCarthy, M.

MUED698B (PermReq) Current Trends in Music Education: Psychology of Music Teaching; Grade Method: REG/AUD. 3 credits
0101 (37489) W..... 6:30pm- 9:00pm (TWS 3132) STAFF

MUSC Music (Arts and Humanities)

MUSC100A Beginning Class Voice; Grade Method: REG. Limited to non-music majors. 2 credits
0101 (37539) TuTh.....11:00am-11:50am (TWS 2138) STAFF
0201 (37540) MW..... 1:00pm- 1:50pm (TWS 2135) STAFF
0301 (37541) MW.....11:00am-11:50am (TWS 2135) STAFF
0401 (37542) MW.....10:00am-10:50am (TWS 2123) STAFF
0501 (37543) TuTh.....10:00am-10:50am (TWS 2102) STAFF
0601 (37544) TuTh..... 3:00pm- 3:50pm (TWS 2123) STAFF

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F. Limited to non-music majors. 2 credits
0101 (37554) TuTh..... 9:30am-10:45am (TWS 3218) STAFF
0201 (37555) TuTh.....12:30pm- 1:45pm (TWS 3218) STAFF
0301 (37556) TuTh.....11:00am-12:15pm (TWS 3218) STAFF
0401 (37557) MWF.....10:00am-10:50am (TWS 3218) STAFF
0501 (37558) MWF..... 2:00pm- 2:50pm (TWS 3218) STAFF

MUSC103 (PermReq) Beginning Class Piano II; Grade Method: REG/AUD. *Prerequisite: MUSC 102 or permission of department.* Limited to music majors. 2 credits
0101 (37568) MWF..... 1:00pm- 1:50pm (TWS 3218) Elliston, R.

MUSC103B Beginning Class Piano II; Grade Method: REG. *Prerequisite: MUSC 102 or permission of department.* For non-music majors only. Music majors should register for MUSC 103. 2 credits
0101 (37578) MW..... 3:30pm- 4:45pm (TWS 3218) STAFF

MUSC111 (PermReq) Class Study of Wind and Percussion Instruments; Grade Method: REG/P-F/AUD. *Open only to majors in music education (vocal option).* 2 credits
0101 (37588) MWF.....10:00am-10:50am (TWS 1123) Walters, E.

MUSC113 (PermReq) Class Study: Violin; Grade Method: REG/AUD. *Open only to majors in music (instrumental option).* 2 credits
0101 (37598) MWF..... 9:00am- 9:50am (TWS 1102) Fischbach, G.

MUSC117 (PermReq) Class Study: Flute, Oboe, Bassoon, and Saxophone; Grade Method: REG/AUD. *Open only to majors in music education (instrumental option).* 2 credits
0101 (37608) MWF.....10:00am-10:50am (TWS 1102) Walters, E.
TBA (TWS 1102) Lab

MUSC121 (PermReq) Class Study: Horn, Trombone, Euphonium, and Tuba; Grade Method: REG/P-F. *Open only to majors in music education (instrumental option).* 2 credits
0101 (37618) MWF..... 8:00am- 8:50am (TWS 1102) Wakefield, J.
Tu..... 8:00am- 8:50am (TWS 1102) Lab

MUSC123 Movement for Singers; Grade Method: REG/P-F/AUD. 1 credit
0101 (37628) Th.....11:00am-12:30pm (TWS 1125) Balthrop, C.

MUSC128 (PermReq) Sight Reading For Pianists; Grade Method: REG/AUD. 2 credits
0101 (37638) TuTh.....10:00am-10:50am (TWS 2105) Page, C.

MUSC129A (PermReq) Ensemble: Strings; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37648) TBA (TWS 2147B) Elsing, E.

MUSC129B (PermReq) Ensemble: Woodwinds; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0201 (37658) TBA (TWS 3120A) Jackson, R.
0301 (37659) TBA (TWS 3125) Montgomery, W.
0501 (37660) TBA (TWS 3120A) Walters, E.
0601 (37661) TBA (TWS 1219D) Shirley-Quirk,

MUSC129C (PermReq) Ensemble: Brass; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37671) TBA (TWS 2229) Olson, O.
0301 (37672) TBA (TWS 1112) Sparks, L.

MUSC129F (PermReq) Ensemble: Percussion; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37682) TuTh.....11:00am-12:15pm (TWS 1102) Barnett, R.

MUSC129G (PermReq) Ensemble: Percussion Keyboard; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37692) TBA (TWS 1209B) Barnett, R.

MUSC129I (PermReq) Ensemble: Twentieth Century; Grade Method: REG/P-F/AUD. 1 credit
0101 (37702) TBA (TWS 1241B) Wilson, M.

MUSC129J Ensemble: Jazz; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37712) MW..... 5:30pm- 7:00pm (TWS 1102) Vadala, C.
0201 (37713) MWF..... 1:00pm- 1:50pm (TWS 1102) Vadala, C.

MUSC129K Ensemble: Non-Western; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37723) TBA (TWS 3108) Robertson, C.

MUSC129L Ensemble: Mixed Instruments; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37733) TBA (TWS 3125) Montgomery, W.

MUSC129M (PermReq) Ensemble: Flute Choir; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37743) TBA (TWS 3125) Montgomery, W.

MUSC129T Ensemble: Tuba Ensemble; Grade Method: REG/AUD. 1 credit
0101 (37753) MW.....11:00am-11:50am (TWS 1102) Sparks, L.

MUSC130 Survey of Music Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. *Open to all students except music and music education majors.* 3 credits
0101 (37763) MW..... 9:00am- 9:50am (TWS 2102) STAFF
F..... 9:00am- 9:50am (TWS 2102) Lab
0102 (37764) MW..... 9:00am- 9:50am (TWS 2102) STAFF
F.....10:00am-10:50am (TWS 2123) Lab
0103 (37765) MW..... 9:00am- 9:50am (TWS 2102) STAFF
F.....11:00am-11:50am (TWS 2123) Lab
0201 (37766) MW.....10:00am-10:50am (TWS 2102) Davis, S.
F.....10:00am-10:50am (TWS 2102) Lab
0202 (37767) MW.....10:00am-10:50am (TWS 2102) Davis, S.
F..... 9:00am- 9:50am (TWS 3238) Lab
0203 (37768) MW.....10:00am-10:50am (TWS 2102) Davis, S.
F.....12:00pm-12:50pm (TWS 2138) Lab
0301 (37769) MW.....11:00am-11:50am (TWS 2102) Beicken, S.
F.....11:00am-11:50am (TWS 2102) Lab
0302 (37770) MW.....11:00am-11:50am (TWS 2102) Beicken, S.
F.....10:00am-10:50am (TWS 3238) Lab
0303 (37771) MW.....11:00am-11:50am (TWS 2102) Beicken, S.
F.....12:00pm-12:50pm (TWS 2123) Lab

MUSC140 Music Fundamentals I; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. *Limited to non-music majors.* 3 credits
0101 (37781) TuTh..... 8:00am- 9:15am (TWS 2102) Olson, O.
0201 (37782) MWF..... 2:00pm- 2:50pm (TWS 2123) STAFF
0301 (37783) MWF..... 9:00am- 9:50am (TWS 2123) STAFF
0401 (37784) TuTh.....11:00am-12:15pm (TWS 2102) STAFF

MUSC151 (PermReq) Theory of Music II; Grade Method: REG/AUD. *Prerequisite: a grade of C or better in MUSC 150.* 3 credits
0101 (37794) TuThF..... 9:00am- 9:50am (TWS 2138) Payerle, L.
MW..... 9:00am- 9:50am (TWS 2138) Lab
0102 (37795) TuThF..... 9:00am- 9:50am (TWS 2138) Payerle, L.
MW..... 9:00am- 9:50am (TWS 2135) Lab
0201 (37796) MWF..... 9:00am- 9:50am (TWS 3116) Layton, R.
TuTh..... 9:00am- 9:50am (TWS 3116) Lab
0202 (37797) MWF..... 9:00am- 9:50am (TWS 3116) Layton, R.
TuTh..... 9:00am- 9:50am (TWS 2135) Lab

MUSC155 Fundamentals for the Classroom Teacher; Grade Method: REG/P-F/AUD. *Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155.* 3 credits
0101 (37807) TuTh..... 2:00pm- 3:15pm (TWS 3238) Sakadolskis, E.
0201 (37808) TuTh..... 9:30am-11:00am (TWS 3238) Fanos, S.
0301 (37809) MWF.....11:00am-11:50am (TWS 3238) McKay, K.
0401 (37810) TuTh..... 3:30pm- 4:45pm (TWS 3238) Sakadolskis, E.
0501 (37811) TuTh.....11:00am-12:30pm (TWS 3238) Fanos, S.
0601 (37812) TuTh.....11:00am-12:30pm (TWS 2135) Stellaccio, C.

MUSC200 Intermediate Class Voice I; Grade Method: REG. *Prerequisite: MUSC 100 or equivalent vocal training.* 2 credits
0101 (37822) MW..... 9:00am- 9:50am (TWS 3238) STAFF
0201 (37823) TuTh..... 4:00pm- 4:50pm (TWS 2123) STAFF

MUSC203 (PermReq) Intermediate Class Piano II; Grade Method: REG/AUD. *Prerequisite: MUSC 202 or equivalent piano training.* Limited to MUED voice principals. 2 credits
0101 (37833) MWF..... 9:00am- 9:50am (TWS 3218) Elliston, R.

MUSC210 The Impact of Music on Life; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. 3 credits
0101 (37843) MW.....11:00am-11:50am (PHY 1412) Herndon, M.
F..... 1:00pm- 1:50pm (TWS 2135) Lab
0102 (37844) MW.....11:00am-11:50am (PHY 1412) Herndon, M.
F.....12:00pm-12:50pm (TWS 2135) Lab
0103 (37845) MW.....11:00am-11:50am (PHY 1412) Herndon, M.
F.....11:00am-11:50am (TWS 2138) Lab
0104 (37846) MW.....11:00am-11:50am (PHY 1412) Herndon, M.
F..... 1:00pm- 1:50pm (TWS 2138) Lab
0105 (37847) MW.....11:00am-11:50am (PHY 1412) Herndon, M.
F..... 2:00pm- 2:50pm (TWS 2102) Lab
0106 (37848) MW.....11:00am-11:50am (PHY 1412) Herndon, M.
F..... 3:00pm- 3:50pm (TWS 2102) Lab

MUSC218 (PermReq) Class Composition II; Grade Method: REG/P-F/AUD. 2 credits
0101 (37858) Tu..... 3:00pm- 5:00pm (TWS 2138) Moss, L.

MUSC226 Vocal Diction: French; Grade Method: REG/P-F/AUD. 1 credit
0101 (37868) Th..... 1:00pm- 2:50pm (TWS 2123) Crawford, L.

MUSC227 Vocal Diction: German; Grade Method: REG/P-F/AUD. 1 credit
0101 (37878) Th..... 1:00pm- 2:50pm (Arranged) Crawford, L.

MUSC228A Ensemble: Symphony Orchestra; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37888) MWF..... 3:00pm- 5:00pm (TWS 1102) Hudson, W.

MUSC228C Ensemble: Theater Orchestra; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37898) TBA (TWS 3267) Hudson, W.

MUSC228D Ensemble: Symphonic Wind Ensemble; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37908) TuTh..... 3:30pm- 6:00pm (TWS 1102) Wakefield, J.

MUSC228E Ensemble: Concert Band; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37918) TuTh..... 2:00pm- 3:15pm (TWS 1102) STAFF

MUSC228R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD. 1 credit
0101 (37928) W..... 7:30pm- 9:30pm (TWS 1102) Head, E.

MUSC230 History of Music I; Grade Method: REG/P-F/AUD. *Prerequisite: MUSC 250 or equivalent.* 3 credits
0101 (37938) MWF..... 2:00pm- 2:50pm (TWS 2135) Beicken, S.

MUSC251 (PermReq) Advanced Theory of Music II; Grade Method: REG/AUD. *Prerequisite: a grade of C or better in MUSC 250.* 4 credits
0101 (37948) TuThF.....10:00am-10:50am (TWS 2138)
MW.....10:00am-10:50am (TWS 2138) Lab
0102 (37949) TuThF.....10:00am-10:50am (TWS 2138)
MW.....10:00am-10:50am (TWS 2135) Lab
0201 (37950) MWF.....10:00am-10:50am (TWS 3116)
TuTh.....10:00am-10:50am (TWS 3116) Lab
0202 (37951) MWF.....10:00am-10:50am (TWS 3116)
TuTh.....10:00am-10:50am (TWS 2135) Lab
Wilson, M.
Wilson, M.
Layton, R.
Layton, R.

MUSC328 (PermReq) Chamber Music Performance for Pianists; Grade Method: REG/P-F/AUD. 2 credits
0101 (37961) Time and room to be arranged STAFF

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37971) TuTh..... 3:30pm- 5:30pm (TWS 2102) STAFF

MUSC329D Ensemble: University Chorus; Grade Method: REG. Contact instructor to make arrangements. 1 credit
0101 (37981) Tu..... 7:30pm-10:00pm (TWS 2102) Traver, P.

MUSC329E Ensemble: Gospel Choir; Grade Method: REG. 1 credit
0101 (37991) Th..... 7:00pm-10:00pm (TWS 2102) Foster, V.

MUSC331 (PermReq) History of Music III; Grade Method: REG/P-F/AUD. *Prerequisite: MUSC 230 and MUSC 330.* 3 credits
0101 (38001) MWF..... 2:00pm- 2:50pm (TWS 3116) Davis, S.

MUSC340 Music Literature Survey I; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. *Prerequisite: MUSC 130 or equivalent. Limited to non-music majors.* 3 credits
0101 (38011) TuTh.....11:00am-12:15pm (TWS 3116) Serwer, H.

MUSC346 Jazz Theory and Inprovisation II; Grade Method: REG/AUD. *Prerequisite: MUSC 345 or permission of department.* 3 credits
0101 (38021) M..... 7:00pm-10:00pm (TWS 1102) Vadala, C.

MUSC378 (PermReq) Opera Workshop; Grade Method: REG/P-F/AUD. 2 credits
0101 (38031) W..... 3:00pm- 5:00pm (TWS 3238) STAFF

MUSC388 (PermReq) Experiential Learning; Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 6 credits
0101 (38041) Time and room to be arranged Walters, E.

MUSC388 (PermReq) Music Internship; Grade Method: REG. 3 credits
0101 (38051) TBA (TWS 2110) Cooper, J.

MUSC389 (PermReq) Music Internship Analysis; Grade Method: REG. 1 credit
0101 (38061) TBA (TWS 2110) Cooper, J.

MUSC400V (PermReq) Music Pedagogy; Grade Method: REG/AUD. *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* Limited to voice majors. 3 credits
0101 (38071) MW..... 4:30pm- 6:00pm (TWS 2138) Randall, M.

MUSC400W (PermReq) Music Pedagogy; Grade Method: REG/P-F/AUD. *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* For wind and percussion majors. 3 credits
0101 (38081) Time and room to be arranged Barnett, R.
0301 (38082) Time and room to be arranged Head, E.
0601 (38083) Time and room to be arranged Jackson, R.
0701 (38084) Time and room to be arranged Montgomery, W.
0801 (38085) Time and room to be arranged Olson, O.
1001 (38086) Time and room to be arranged Sparks, L.
2001 (38087) Time and room to be arranged Stevens, M.
3001 (38088) Time and room to be arranged Wakefield, J.
4001 (38089) Time and room to be arranged Walters, E.

MUSC428 (PermReq) Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG/AUD. 2 credits
0101 (38099) TBA (TWS 3214A) Elliston, R.
0301 (38100) TBA (TWS 2233) McCoy, R.

MUSC429 (PermReq) Opera Theater; Grade Method: REG/P-F/AUD. 2-3 credits
0101 (38110) W..... 3:00pm- 5:00pm (TWS 3238) STAFF

MUSC436 Jazz: Then and Now; Grade Method: REG/P-F/AUD. 3 credits
0101 (38120) MW..... 2:00pm- 3:15pm (TWS 2138) Wexler, R.

MUSC438 Area Studies in Ethnomusicology: Music of Indigenous People of Latin America; Grade Method: REG/P-F/AUD. 3 credits
0101 (38130) Th..... 3:30pm- 6:00pm (TWS 3116) Robertson, C.

MUSC443 (PermReq) Solo Vocal Literature; Grade Method: REG/P-F/AUD. *Prerequisite: MUSC 330, MUSC 331 or equivalent.* 3 credits
0101 (38140) Th..... 4:00pm- 6:30pm (TWS 2135) Smith, C.

MUSC448 (PermReq) Selected Topics in Music; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MUSC448F (PermReq) Selected Topics in Music: Advanced Diction: French; Grade Method: REG/AUD. 1 credit
0101 (38193) W..... 1:00pm- 2:30pm (TWS 3238) McCoy, R.

MUSC448I (PermReq) Selected Topics in Music: Advanced Diction: Italian; Grade Method: REG/AUD. 1 credit
0101 (38203) W.....11:00am-12:30pm (TWS 2138) Cossa, D.

MUSC448J (PermReq) Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD. Instructors: Elliston, R. and Wells, R. 2 credits
0101 (38213) W..... 7:00pm-10:00pm (TWS 3218) Elliston, R.
W..... 7:00pm-10:00pm (TWS 3218) Lab
0201 (38214) W..... 4:00pm- 7:00pm (Arranged) Elliston, R.
W..... 4:00pm- 7:00pm (Arranged) Lab

MUSC448O (PermReq) Selected Topics in Music: The Business of Music II; Grade Method: REG/AUD. Limited to music majors. 2 credits
0101 (38224) MW..... 1:00pm- 1:50pm (TWS 2138) Walters, E.

MUSC448P (PermReq) Selected Topics in Music: 17th and 18th Century Performance Practice; Grade Method: REG/P-F/AUD. 2 credits
0101 (38234) Time and room to be arranged Slowik, K.

MUSC448T (PermReq) Selected Topics in Music: MIDI Applications; Grade Method: REG/P-F/AUD. 2 credits
0101 (38244) W.....11:00am- 1:00pm (TWS 2211) Gibson, R.

MUSC450 (PermReq) Musical Form; Grade Method: REG/P-F/AUD. *Prerequisite: MUSC 251.* 3 credits
0101 (38254) TuTh..... 2:00pm- 3:15pm (TWS 3116) Payerle, L.

MUSC452 (PermReq) Keyboard Harmony; Grade Method: REG/P-F/AUD. *Prerequisite: MUSC 251.* 2 credits
0101 (38264) Time and room to be arranged STAFF

MUSC484 Music in the Romantic Era; Grade Method: REG/P-F/AUD. 3 credits
0101 (38274) TuTh.....10:00am-11:15am (TWS 3131) Cohen, H.

MUSC491 (PermReq) Conducting II; Grade Method: REG/AUD. *Prerequisite: MUSC 490 or equivalent.* 2 credits
0101 (38284) MWF..... 1:00pm- 1:50pm (TWS 2123) Cooper, J.

MUSC493 (PermReq) Keyboard Music II; Grade Method: REG/P-F/AUD. *Prerequisite: MUSC 492.* 3 credits

0101 (38294) MW.....11:30am-12:50pm (TWS 3116) Page, C.

MUSC499 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

MUSC808 (PermReq) Chamber Music Repertory; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MUSC842 Early Music Notation; Grade Method: REG/AUD. 3 credits
0101 (38381) F.....10:00am-12:30pm (TWS 3131) Wexler, R.

MUSC843 (PermReq) Seminar in Solo Vocal Literature I; Grade Method: REG/AUD. *Prerequisite: MUSC 444 or equivalent.* 3 credits
0101 (38391) Th..... 4:00pm- 6:30pm (TWS 2135) Smith, C.

MUSC845 (PermReq) Seminar in Vocal Pedagogy; Grade Method: REG/AUD. *Prerequisite: MUSC 400 or equivalent.* Advanced special students require department authorization. 3 credits
0101 (38401) MW..... 4:30pm- 6:00pm (TWS 2138) Randall, M.

MUSC850 (PermReq) The Contemporary Idiom; Grade Method: REG/AUD. *Prerequisite: MUSC 470 or permission of department.* 3 credits
0101 (38411) W..... 3:30pm- 6:00pm (TWS 3116) Moss, L.

MUSC879 (PermReq) Seminar in Ethnomusicology; Grade Method: REG/AUD. 3 credits
0101 (38421) W..... 3:30pm- 6:00pm (TWS 3131) Robertson, C.

MUSC882 (PermReq) Seminar in Music of the Baroque Era; Grade Method: REG/AUD. 3 credits
0101 (38431) Th..... 2:00pm- 4:30pm (TWS 2138) Serwer, H.

MUSC889 (PermReq) Advanced Conducting; Grade Method: REG/AUD. Advanced special students require department authorization. Limited to conducting majors only. 3 credits
0101 (38441) W..... 4:00pm- 6:30pm (TWS 2135) Traver, P.
0201 (38442) TBA (TWS 3267) Hudson, W.
0301 (38443) Time and room to be arranged Wakefield, J.

MUSC899 (PermReq) Selected Topics in Music; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MUSC899B (PermReq) Selected Topics in Music: Opera Techniques II; Grade Method: REG/AUD. Corequisite: MUSC 448I and MUSC 699F. 1-3 credits
0101 (38495) Time and room to be arranged Adamo, G.
Time and room to be arranged Lab

MUSC899D (PermReq) Selected Topics in Music: Advanced Opera Techniques II; Grade Method: REG/AUD. Corequisite: MUSC 448F and MUSC 699I. 1-3 credits
0101 (38505) Time and room to be arranged Adamo, G.
Time and room to be arranged Lab

MUSC899F (PermReq) Selected Topics in Music: Stage Combat; Grade Method: REG. 1 credit
0101 (38515) Time and room to be arranged Sheerin, J.

MUSC899I (PermReq) Selected Topics in Music: Opera Repertoire II; Grade Method: REG. 1 credit
0101 (38525) F.....10:00am-12:00pm (TWS 3228) Crout, S.

MUSC899J (PermReq) Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD. 2 credits
0101 (38535) W..... 7:00pm-10:00pm (TWS 3218) Elliston, R.
W..... 7:00pm-10:00pm (TWS 3218) Lab
0201 (38536) W..... 4:00pm- 7:00pm (Arranged) Elliston, R.
W..... 4:00pm- 7:00pm (Arranged) Lab

MUSC899L (PermReq) Selected Topics in Music: History and Theory of Ethnomusicology II; Grade Method: REG/AUD. 3 credits
0101 (38546) Tu..... 3:30pm- 6:00pm (TWS 3131) Herndon, M.

MUSC899N (PermReq) Selected Topics in Music: Principles of Teaching Music in Higher Education; Grade Method: REG/AUD. 3 credits
0101 (38556) M..... 4:00pm- 6:30pm (TWS 3132) Fanos, S.

MUSC899O (PermReq) Selected Topics in Music: The Business of Music II; Grade Method: REG/AUD. Limited to music majors. 2 credits
0101 (38566) MW..... 1:00pm- 1:50pm (TWS 2138) Walters, E.

MUSC899P (PermReq) Selected Topics in Music: 17th and 18th Century Performance Practice; Grade Method: REG/AUD. 2 credits
0101 (38576) Time and room to be arranged Slowik, K.

MUSC799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MUSC800W (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For wind and percussion majors. 3 credits
0101 (38618) Time and room to be arranged Barnett, R.
0301 (38619) Time and room to be arranged Head, E.
0601 (38620) Time and room to be arranged Jackson, R.
0701 (38621) Time and room to be arranged Montgomery, W.
0801 (38622) Time and room to be arranged Olson, O.
0901 (38623) Time and room to be arranged Ross, G.
1001 (38624) Time and room to be arranged Sparks, L.
2001 (38625) Time and room to be arranged Stevens, M.
3001 (38626) Time and room to be arranged Wakefield, J.
4001 (38627) Time and room to be arranged Walters, E.

MUSC801C (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* 3 credits
0101 (38637) Time and room to be arranged Traver, P.

MUSC801P (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* 3 credits
0101 (38647) F..... 9:30am-12:00pm (TWS 2135) Page, C.

MUSC801S (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* 3 credits
0101 (38657) Time and room to be arranged Elsing, E.
0201 (38658) Time and room to be arranged Burris, C.

MUSC801V (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* 3 credits
0101 (38668) Time and room to be arranged Fanos, S.

MUSC801W (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For wind and percussion majors. 3 credits
0101 (38678) Time and room to be arranged Barnett, R.
0301 (38679) Time and room to be arranged Head, E.
0601 (38680) Time and room to be arranged Jackson, R.
0701 (38681) Time and room to be arranged Montgomery, W.
0801 (38682) Time and room to be arranged Olson, O.
1001 (38683) Time and room to be arranged Sparks, L.
2001 (38684) Time and room to be arranged Stevens, M.
3001 (38685) Time and room to be arranged Wakefield, J.
4001 (38686) Time and room to be arranged Walters, E.

MUSC830W (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. *Prerequisite: at least twelve hours in music history and literature.* For winds and percussion majors. 3 credits
0101 (38696) Time and room to be arranged Barnett, R.
0301 (38697) Time and room to be arranged Head, E.
0501 (38698) Time and room to be arranged Hudson, W.
0601 (38699) Time and room to be arranged Jackson, R.
0701 (38700) Time and room to be arranged Montgomery, W.
0801 (38701) Time and room to be arranged Olson, O.
1001 (38702) Time and room to be arranged Sparks, L.
2001 (38703) Time and room to be arranged Stevens, M.
3001 (38704) Time and room to be arranged Wakefield, J.
4001 (38705) Time and room to be arranged Walters, E.

MUSC831A (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.* This course is for accompanists only. 3 credits
0101 (38715) TBA (TWS 2233) McCoy, R.

MUSC831C (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.* 3 credits
0101 (38725) Time and room to be arranged Traver, P.

MUSC831S (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.* 3 credits
0101 (38735) Time and room to be arranged Fischbach, G.

MUSC831W (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.* For wind and percussion majors. 3 credits
0101 (38745) Time and room to be arranged Barnett, R.
0301 (38746) Time and room to be arranged Head, E.
0601 (38747) Time and room to be arranged Jackson, R.
0701 (38748) Time and room to be arranged Montgomery, W.
0801 (38749) Time and room to be arranged Olson, O.
1001 (38750) Time and room to be arranged Sparks, L.
2001 (38751) Time and room to be arranged Stevens, M.
3001 (38752) Time and room to be arranged Wakefield, J.
4001 (38753) Time and room to be arranged Walters, E.

MUSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

MUSP Music Performance (ARTS AND HUMANITIES)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon	S	World inst
B	Voice.	K	Saxophone	T	Composition
C	Violin	L	Horn	U	Conducting graduate
D	Viola	M	Trumpet	V	Harp
E	Cello	N	Trombone	W	Electronic comp.
F	Bass	O	Tuba	X	Hist inst - keyboard
G	Flute	P	Euphonium	Y	Hist inst - strings
H	Oboe	Q	Percussion	Z	Hist inst - winds
I	Clarinet				

MINOR SERIES
Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 2 credits
(PermReq) Music Performance; Minor Series.
Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, U, V, X, Y, Z
Time and room to be arranged.

Minor series lessons for non-major pianists are given on a space-available basis and may not be registered for before the beginning of the semester. Contact the Chair of the Piano Division on the first day of classes, giving your name, telephone number, and number of years of piano study. Your name will be placed on a waiting list, and if there is an opening for you in a faculty member's schedule, then you will be called by that faculty member. At that point you will register for the course.

PRINCIPAL SERIES
Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 2 or 4 credits
(PermReq) Music Performance; Principal Series.
Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, X, Y, Z
Time and room to be arranged.

MUSP609 Interpretation and Repertoire. 2 credits
(PermReq) Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MUSP610 Graduate Music Performance. 4 credits
(PermReq) Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MAJOR SERIES
Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 2 or 4 credits
(PermReq) Music Performance; Major Series.
Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, W
Time and room to be arranged.

MUSP619 Interpretation and Repertoire. 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP620 Graduate Music Performance. 4 credits
(PermReq) Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP719 Interpretation and Repertoire. 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP815 Interpretation, Performance, and Pedagogy. 4 credits
(PermReq) Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP816 Interpretation, Performance, and Pedagogy. 4 credits
(PermReq) Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP817 Interpretation, Performance, and Pedagogy. 4 credits
(PermReq) Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

NRMT Natural Resources Management (Agriculture)

NRMT389 (PermReq) Internship: Internship in Natural Resources Management; Grade Method: S-F. Natural resources management majors only. 3 credits
0101 (40471) Time and room to be arranged Kangas, P.

NRMT480 Principles of Wildlife Management; Grade Method: REG. *Three Saturday field trips are scheduled. Prerequisite: two semesters of laboratory biology.* 3 credits
0101 (40481) TuTh..... 8:00am- 9:15am (SYM 0200) Adams, L.

NRMT470 (PermReq) Natural Resources Management; Grade Method: REG. *Senior standing. For NRMT majors only.* Second semester juniors and seniors only. 4 credits
0101 (40491) MW..... 3:15pm- 4:30pm (SYM 2109) Kangas, P.

NRMT479 (PermReq) Tropical Ecology and Resource Management; Grade Method: REG. This course includes a field trip to Belize, Central America during Spring break (March 14-20). A course fee will be required to cover travel costs for the field trip. 1 credit
0101 (40501) Time and room to be arranged Kangas, P.

NRMT489 (PermReq) Field Experience; Grade Method: REG. 1-4 credits
0101 (40511) Time and room to be arranged Kangas, P.

NRMT489A (PermReq) Field Experience: Development and the Chesapeake Bay; Grade Method: REG. 1 credit
0101 (40521) M..... 4:00pm- 4:50pm (Arranged) Schueler, T.

NRMT489B (PermReq) Field Experience: Water Quality and Field Sampling Methods; Grade Method: REG. 2 credits
0101 (40531) Tu..... 1:00pm- 2:00pm (Arranged) Cronk, J.
Th..... 1:00pm- 4:00pm (Arranged) Lab

NUSC Nutritional Science (Agriculture)

NUSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

NUSC898 Colloquium in Nutrition; Grade Method: REG/AUD. 1 credit
0101 (40598) Th..... 4:00pm- 4:50pm (MMH 1304) Sims, L.

NUSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

NUTR Nutrition (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NUTR100 Elements of Nutrition; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. 3 credits
0101 (40673) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
M.....11:00am-11:50am (MMH 0108) Dis
0102 (40674) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
W.....11:00am-11:50am (MMH 3418) Dis
0103 (40675) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
F.....11:00am-11:50am (MMH 0108) Dis
0104 (40676) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
F.....10:00am-10:50am (MMH 0108) Dis
0105 (40677) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
Tu.....11:00am-11:50am (MMH 3418) Dis
0106 (40678) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
Th.....11:00am-11:50am (MMH 3418) Dis
0107 (40679) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
W..... 2:00pm- 2:50pm (MMH 0108) Dis
0108 (40680) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
M.....12:00pm-12:50pm (MMH 3418) Dis
0109 (40681) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
W.....12:00pm-12:50pm (MMH 3418) Dis
0110 (40682) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
F..... 9:00am- 9:50am (ARM 0105) Dis
0111 (40683) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
Tu.....12:30pm- 1:20pm (ARM 0103) Dis
0112 (40684) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
Th.....12:30pm- 1:20pm (MMH 0108) Dis
0113 (40685) MW.....10:00am-10:50am (ARM 0126) Curtis, S.
M..... 2:00pm- 2:50pm (MMH 0108) Dis

NUTR200 (PermReq) Nutrition for Health Services; Grade Method: REG/P-F/AUD. *Prerequisites: CHEM 104 or CHEM 233; and ZOOL 201 or ZOOL 202 or ZOOL 211; and permission of department.* 3 credits
0101 (40695) TuTh..... 1:00pm- 1:50pm (ARM 0135) Prather, M.
M.....10:00am-12:00pm (MMH 3418) Lab
0102 (40696) TuTh..... 1:00pm- 1:50pm (ARM 0135) Prather, M.
Tu..... 2:00pm- 4:00pm (MMH 1304) Lab
0103 (40697) TuTh..... 1:00pm- 1:50pm (ARM 0135) Prather, M.
W.....10:00am-12:00pm (MMH 0108) Lab
0104 (40698) TuTh..... 1:00pm- 1:50pm (ARM 0135) Prather, M.
Th..... 2:00pm- 4:00pm (MMH 1304) Lab

NUTR440 (PermReq) Advanced Human Nutrition I; Grade Method: REG/P-F/AUD. *Prerequisites: (NUTR 330; and ZOOL 202; and NUTR 100 or NUTR 200) or permission of department.* 4 credits
0101 (40708) MWF..... 1:00pm- 1:50pm (MMH 3418) Ahrens, R.
M..... 2:00pm- 5:00pm (MMH 3419) Lab
0102 (40709) MWF..... 1:00pm- 1:50pm (MMH 3418) Ahrens, R.
W..... 2:00pm- 5:00pm (MMH 3419) Lab

NUTR460 (PermReq) Therapeutic Human Nutrition; Grade Method: REG/P-F/AUD. *Prerequisites: NUTR 440 and NUTR 450. Also offered as NUSC 460.* 4 credits
0101 (40719) W..... 3:30pm- 6:00pm (MMH 3418) Smith, M.
M..... 2:00pm- 4:00pm (MMH 3418) Lab
0102 (40720) W..... 3:30pm- 6:00pm (MMH 3418) Smith, M.
W.....10:00am-12:00pm (MMH 1304) Lab

NUTR468 (PermReq) Practicum in Nutrition; Grade Method: S-F. 1-3 credits
0101 (40730) Time and room to be arranged Curtis, S.

NUTR475 Dynamics of Community Nutrition; Grade Method: REG/P-F/AUD. *Prerequisite: NUTR 470 or permission of department.* Course taught spring semesters only. 3 credits
0101 (40740) TuTh..... 2:00pm- 3:15pm (MMH 3418) Jackson, R.

NUTR490 (PermReq) Special Problems in Nutrition; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: NUTR 440 and permission of department.* 2-3 credits

NUTR498A (PermReq) Selected Topics: Individual Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

NUTR498P (PermReq) Selected Topics: Peer Nutrition Education; Grade Method: REG/P-F/AUD. 1-3 credits
0101 (40762) Time and room to be arranged Cook, P.

NUTR620 Nutrition for Community Services; Grade Method: REG/AUD. 3 credits
0101 (40772) TuTh..... 5:00pm- 6:15pm (MMH 0108) Sims, L.

NUTR635 Carbohydrates, Lipids and Proteins in Human Nutrition; Grade Method: REG/AUD. *Prerequisite: NUTR 450 or equivalent.* 3 credits
0101 (40782) MW..... 5:30pm- 6:45pm (MMH 0108) Ahrens, R.

NUTR678A (PermReq) Selected Topics in Nutrition: Individual Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

NUTR680 Human Nutritional Status; Grade Method: REG/AUD. *Prerequisite: advanced nutrition, biochemistry and physiology. Also offered as NUSC 680.* 3 credits
0101 (40798) TuTh..... 9:30am-10:45am (MMH 0108) Moser-Veillon,

NUTR699 (PermReq) Problems in Nutrition; Grade Method: REG/AUD. Individual Instruction course: contact department 1-4 credits

or instructor to obtain section number.

NUTR799 Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. 1-6 credits

NUTR899 Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. 1-8 credits

PHIL Philosophy (Arts and Humanities)

PHIL100 Introduction to Philosophy; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (40896) MW.....10:00am-10:50am (SKN 0200) Hanley, R.
F..... 9:00am- 9:50am (HZF 1101) Dis
0102 (40897) MW.....10:00am-10:50am (SKN 0200) Hanley, R.
F..... 9:00am- 9:50am (WDS 0104) Dis
0103 (40898) MW.....10:00am-10:50am (SKN 0200) Hanley, R.
F.....10:00am-10:50am (HZF 1101) Dis
0104 (40899) MW.....10:00am-10:50am (SKN 0200) Hanley, R.
F.....10:00am-10:50am (WDS 1130) Dis
0105 (40900) MW.....10:00am-10:50am (SKN 0200) Hanley, R.
F.....12:00pm-12:50pm (KEY 0116) Dis
0106 (40901) MW.....10:00am-10:50am (SKN 0200) Hanley, R.
F.....12:00pm-12:50pm (KEY 0121) Dis

PHIL101 The Structure of Knowledge; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. 3 credits

0101 (40911) TuTh.....11:00am-11:50am (SKN 0200) Rey, G.
F.....10:00am-10:50am (ZOP 1124) Dis
0102 (40912) TuTh.....11:00am-11:50am (SKN 0200) Rey, G.
F.....10:00am-10:50am (ARM 0110) Dis
0103 (40913) TuTh.....11:00am-11:50am (SKN 0200) Rey, G.
F.....11:00am-11:50am (WDS 1127) Dis
0104 (40914) TuTh.....11:00am-11:50am (SKN 0200) Rey, G.
F.....11:00am-11:50am (SKN 0104) Dis
0105 (40915) TuTh.....11:00am-11:50am (SKN 0200) Rey, G.
F..... 1:00pm- 1:50pm (KEY 0119) Dis
0106 (40916) TuTh.....11:00am-11:50am (SKN 0200) Rey, G.
F..... 1:00pm- 1:50pm (ARM 0105) Dis

PHIL140 Contemporary Moral Issues; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits

0101 (40926) MW.....11:00am-11:50am (SKN 0200) Roelofs, M.
F..... 9:00am- 9:50am (KEY 0116) Dis
0102 (40927) MW.....11:00am-11:50am (SKN 0200) Roelofs, M.
F..... 9:00am- 9:50am (JRN 1105) Dis
0103 (40928) MW.....11:00am-11:50am (SKN 0200) Roelofs, M.
F..... 9:00am- 9:50am (ARM 0116) Dis
0104 (40929) MW.....11:00am-11:50am (SKN 0200) Roelofs, M.
F.....12:00pm-12:50pm (JRN 1105) Dis
0105 (40930) MW.....11:00am-11:50am (SKN 0200) Roelofs, M.
F.....12:00pm-12:50pm (ARM 0110) Dis
0106 (40931) MW.....11:00am-11:50am (SKN 0200) Roelofs, M.
F.....12:00pm-12:50pm (WDS 1114) Dis
0107 (40932) MW.....11:00am-11:50am (SKN 0200) Roelofs, M.
F..... 1:00pm- 1:50pm (ARM 0110) Dis
0108 (40933) MW.....11:00am-11:50am (SKN 0200) Roelofs, M.
F..... 1:00pm- 1:50pm (ARM 0116) Dis
0109 (40934) MW.....11:00am-11:50am (SKN 0200) Roelofs, M.
F.....12:00pm-12:50pm (TYD 1140) Dis

A note about PHIL 170, PHIL 173, PHIL 174, PHIL 271, and PHIL 273: PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 and 174 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. PHIL 273 emphasizes the relationship of logic to traditional philosophical problems. All five courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: REG/P-F/AUD. 3 credits

0101 (40944) MW.....12:00pm-12:50pm (SKN 0200) Odell, S.
F.....12:00pm-12:50pm (SKN 0104) Dis
0102 (40945) MW.....12:00pm-12:50pm (SKN 0200) Odell, S.
F.....11:00am-11:50am (WDS 1130) Dis
0103 (40946) MW.....,12:00pm-12:50pm (SKN 0200) Odell, S.
F..... 2:00pm- 2:50pm (ARM 0121) Dis

PHIL173 Logic and the English Language I; Grade Method: REG. 3 credits

0101 (40956) MWF.....10:00am-10:50am (SKN 1115) Pasch, A.

PHIL250 Philosophy of Science I; Grade Method: REG/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. 3 credits

0101 (40977) TuTh..... 9:30am-10:45am (HBK 0117) Vollmer, S.

PHIL271 Symbolic Logic I; Grade Method: REG/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Formerly PHIL 371.* 3 credits

0101 (40997) MWF..... 1:00pm- 1:50pm (SKN 1112) Svenonius, L.

PHIL308R Studies in Contemporary Philosophy: Religion and Experience; Grade Method: REG/P-F/AUD. 3 credits

0101 (41018) TuTh.....11:00am-12:15pm (SKN 1115) Stairs, A.

PHIL308S Studies in Contemporary Philosophy: Aspects of Sexuality; Grade Method: REG/P-F/AUD. 3 credits

0101 (41028) MWF..... 1:00pm- 1:50pm (SKN 1115) Pasch, A.

PHIL310 Ancient Philosophy; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: six credits in philosophy or classics.* 3 credits

0101 (41038) MWF.....11:00am-11:50am (SKN 1115) Celarier, J.

PHIL320 Modern Philosophy; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. *Prerequisite: six credits in philosophy.* 3 credits

0101 (41048) TuTh.....11:00am-12:15pm (WDS 1130) Levinson, J.

PHIL326 Twentieth Century Analytic Philosophy; Grade Method: REG/AUD. *Prerequisite: six credits in philosophy. Recommended: PHIL 320.* 3 credits

0101 (41058) TuTh..... 2:00pm- 3:15pm (SKN 1112) Rey, G.

PHIL331 Philosophy of Art; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in philosophy or two courses in the creative arts.* 3 credits

0101 (41068) MWF.....12:00pm-12:50pm (MMH 1400) Brown, J.

PHIL341 Introduction to Ethical Theory; Grade Method: REG/AUD. *Prerequisite: one course in PHIL. Not open to students who have completed PHIL 142. Formerly PHIL 142.* 3 credits

0101 (41078) MW..... 2:00pm- 3:15pm (SKN 1112) Greenspan, P.

PHIL380 Philosophy of Psychology: Introduction; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in philosophy or permission of department. Not open to students who have completed PHIL 465. Formerly PHIL 465.* 3 credits

0101 (41088) TuTh..... 2:00pm- 3:15pm (ARM 0116) Morreau, M.

PHIL386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Consult Director of Undergraduate Studies: Martin, R. Prerequisites: 12 credit hours of philosophy and 3.0 GPA. Carries no credit toward philosophy major. 6 credits

PHIL431 Aesthetic Theory; Grade Method: REG/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: six credits in philosophy or permission of department.* 3 credits

0101 (41099) MWF..... 2:00pm- 2:50pm (SKN 1115) Brown, J.

PHIL433 Issues in Jewish Ethics and Law; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. *Prerequisite: course in philosophy or course in Jewish studies (excluding Hebrew language) or permission of department. Also offered as HEBR 451. Credit will be granted for only one of the following: PHIL 433 or HEBR 451.* 3 credits

0101 (41109) W.....12:30pm- 3:00pm (HJP 1229) Freundel, B.

PHIL442 Normative Ethical Theory; Grade Method: REG/P-F/AUD. *Prerequisite: PHIL 341.* 3 credits

0101 (41119) TuTh.....11:00am-12:15pm (SKN 1116) Slote, M.

PHIL447 Philosophy of Law; Grade Method: REG/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in philosophy.* 3 credits

0101 (41129) TuTh.....12:30pm- 1:45pm (HJP 2242) Lichtenberg, J.
0201 (41130) TuTh..... 9:30am-10:45am (SKN 1115) Hull, D.

PHIL451 Scientific Thought II; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: one course in philosophy or a major in science.* 3 credits

0101 (41140) TuTh..... 2:00pm- 3:15pm (SKN 1115) Wallace, W.

PHIL455 Philosophy of the Social Sciences; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. *Prerequisite: PHIL 250, six hours in a social science, or permission of department.* 3 credits

0101 (41150) TuTh.....12:30pm- 1:45pm (SKN 1115) Wachbrit, R.

PHIL456 Philosophy of Biology; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. *Prerequisite: PHIL 250 or permission of department.* Course is to be taught by Karen Neander. 3 credits

0101 (41160) TuTh.....12:30pm- 1:45pm (WDS 1127) STAFF

PHIL461 Theory of Meaning; Grade Method: REG/P-F/AUD. *Prerequisite: six credits in philosophy.* 3 credits

0101 (41170) MW..... 2:00pm- 3:15pm (SKN 1116) Odell, S.

PHIL471 Symbolic Logic II; Grade Method: REG/P-F/AUD. *Prerequisite: PHIL 271 or permission of department.* 3 credits

0101 (41180) MWF.....10:00am-10:50am (SKN 1116) Svenonius, L.

PHIL482 Philosophy of Psychology: Subjectivity; Grade Method: REG/P-F/AUD. *Prerequisite: PHIL 380 or graduate status or permission of department.* 3 credits

0101 (41190) MW..... 3:30pm- 4:45pm (SKN 0104) Lormand, E.

PHIL485 Philosophy of Neuroscience; Grade Method: REG/P-F/AUD. *Prerequisite: (PHIL 250, or PHIL 380, or PHIL 455, or PHIL 456) or permission of department.* 3 credits

0101 (41200) MW..... 2:00pm- 3:15pm (WDS 1114) Cherniak, C.

PHIL488T Topics in Philosophy of Cognitive Studies: Teleosemantics; Grade Method: REG/P-F/AUD. Course is to be taught by Karen Neander. 3 credits

0101 (41210) TuTh..... 3:30pm- 4:45pm (SKN 1112) STAFF

PHIL498F (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL498G (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD. Individual instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL888B Selected Problems in Philosophy: Philosophy of Neuroscience; Grade Method: REG/AUD. 3 credits

0101 (41274) MW..... 2:00pm- 3:15pm (WDS 1114) Cherniak, C.

PHIL888C Selected Problems in Philosophy: Theory of Meaning; Grade Method: REG/AUD. 3 credits

0101 (41264) MW..... 2:00pm- 3:15pm (SKN 1116) Odell, S.

PHIL888F (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL888G (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL888N Selected Problems in Philosophy: Normative Ethical Theory; Grade Method: REG/AUD. 3 credits

0101 (41340) TuTh.....11:00am-12:15pm (SKN 1116) Slote, M.

PHIL888T Selected Problems in Philosophy: Twentieth Century Analytic Philosophy; Grade Method: REG/AUD. 3 credits

0101 (41350) TuTh..... 2:00pm- 3:15pm (SKN 1112) Rey, G.

PHIL888Z Selected Problems in Philosophy: Teleosemantics; Grade Method: REG/AUD. Course is to be taught by Karen Neander. 3 credits

0101 (41360) TuTh..... 3:30pm- 4:45pm (SKN 1112) STAFF

PHIL788G (PermReq) Research in Philosophy; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL788I (PermReq) Research in Philosophy; Grade Method: REG/AUD. Individual instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL799 Master's Thesis Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL838C Seminar in Aesthetics; Grade Method: REG/AUD. 3 credits

0101 (41434) Time and room to be arranged Levinson, J.

PHIL848C Seminar in Ethics: Hume's Moral Psychology; Grade Method: REG/AUD. 3 credits

0101 (41444) Time and room to be arranged Greenspan, P.

PHIL899 Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. 1-8 credits

PHYS Physics (Computer, Mathematical and Physical Sciences)

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD. *Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Sciences Laboratory Course when taken concurrently with PHYS 103. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PHYS 103, course may be counted as USP Distributive Studies Area B Lab Science Course. Credit cannot be received for both PHYS 102 and PHYS 499C. 3 credits

0101 (41525) TuTh..... 2:00pm- 3:15pm (PHY 1410) Sucher, J.

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken concurrently with PHYS 102. 1 credit

0101 (41535) Th..... 9:00am-10:50am (PHY 3213) Lab Bardasis, A.
02*1 (41536) Th.....12:00pm- 1:50pm (PHY 3213) Lab Bardasis, A.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0301 (41537) Th..... 3:30pm- 5:20pm (PHY 3213) Lab Bardasis, A.

PHYS108 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD. *Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken with PHYS 107. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PHYS 107, course may be counted USP Distributive Studies Area B Lab Science Course. 3 credits

0101 (41547) MWF..... 2:00pm- 2:50pm (PHY 1412) Brill, D.

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD. *Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken with PHYS 106. 1 credit

0101 (41557) M..... 3:00pm- 4:50pm (PHY 3214) Lab Brill, D.
02*1 (41558) Tu..... 9:00am-10:50am (PHY 3214) Lab Brill, D.
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0301 (41559) Tu.....11:00am-12:50pm (PHY 3214) Lab Brill, D.
0401 (41560) Tu..... 1:00pm- 2:50pm (PHY 3214) Lab Brill, D.
0501 (41561) W.....11:00am-12:50pm (PHY 3214) Lab Brill, D.
0601 (41562) W..... 3:00pm- 4:50pm (PHY 3214) Lab Brill, D.
0701 (41563) Th..... 3:00pm- 4:50pm (PHY 3214) Lab Brill, D.
0801 (41564) W..... 9:00am-10:50am (PHY 3214) Lab Brill, D.

PHYS112 Physics in the Modern World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: PHYS 111 or equivalent.* 3 credits

0101 (41574) MWF..... 9:00am- 9:50am (PHY 0405) Alley, C.

PHYS117 Introduction to Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite; qualification to enter MATH 110.* 4 credits

01*1 (41584) MWF..... 9:00am- 9:50am (PHY 1410) Layman, J.
Tu.....11:00am-12:50pm (PHY 3316) Lab
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.
0102 (41585) MWF..... 9:00am- 9:50am (PHY 1410) Layman, J.
W.....10:00am-11:50am (PHY 3316) Lab
0103 (41586) MWF..... 9:00am- 9:50am (PHY 1410) Layman, J.
W..... 3:00pm- 4:50pm (PHY 3316) Lab

PHYS121 Fundamentals of Physics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: previous course work in trigonometry or MATH 115.* Physics Clinic, PHY 1214, MTWHF 12,2. 4 credits

0101 (41596) TuTh.....11:00am-12:15pm (PHY 1410) STAFF
Th..... 9:00am-10:50am (PHY 3306) Lab
Th..... 8:00am- 8:50am (PHY 0405) Dis
0102 (41597) TuTh.....11:00am-12:15pm (PHY 1410) STAFF
Tu..... 9:00am-10:50am (PHY 3306) Lab
Tu..... 8:00am- 8:50am (PHY 0405) Dis
0103 (41598) TuTh.....11:00am-12:15pm (PHY 1410) STAFF
Th..... 2:00pm- 3:50pm (PHY 3306) Lab
Th..... 1:00pm- 1:50pm (PHY 1219) Dis
0104 (41599) TuTh.....11:00am-12:15pm (PHY 1410) STAFF
M..... 1:00pm- 2:50pm (PHY 3306) Lab
M.....12:00pm-12:50pm (PHY 4208) Dis
0105 (41600) TuTh.....11:00am-12:15pm (PHY 1410) STAFF
W.....12:00pm- 1:50pm (PHY 3306) Lab
W.....11:00am-11:50am (PHY 1221) Dis
0106 (41601) TuTh.....11:00am-12:15pm (PHY 1410) STAFF
M..... 9:00am-10:50am (PHY 3306) Lab
M..... 8:00am- 8:50am (PHY 1402) Dis
0201 (41602) MWF..... 1:00pm- 1:50pm (PHY 1410) Kelly, J.
W.....10:00am-11:50am (PHY 3306) Lab
W..... 9:00am- 9:50am (PHY 4220) Dis
0202 (41603) MWF..... 1:00pm- 1:50pm (PHY 1410) Kelly, J.
W..... 3:00pm- 4:50pm (PHY 3306) Lab
W..... 2:00pm- 2:50pm (PHY 4220) Dis
0203 (41604) MWF..... 1:00pm- 1:50pm (PHY 1410) Kelly, J.
M..... 3:00pm- 4:50pm (PHY 3306) Lab
M..... 2:00pm- 2:50pm (PHY 1221) Dis
0204 (41605) MWF..... 1:00pm- 1:50pm (PHY 1410) Kelly, J.
Tu..... 3:00pm- 4:50pm (PHY 3306) Lab
Tu..... 2:00pm- 2:50pm (ARM 0117) Dis
0205 (41606) MWF..... 1:00pm- 1:50pm (PHY 1410) Kelly, J.
Tu..... 1:00pm- 2:50pm (PHY 3306) Lab
Tu.....12:00pm-12:50pm (PHY 0405) Dis
0206 (41607) MWF..... 1:00pm- 1:50pm (PHY 1410) Kelly, J.
Th.....12:00pm- 1:50pm (PHY 3306) Lab
Th.....11:00am-11:50am (PHY 4208) Dis

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: PHYS 121 or equivalent.* Physics Clinic, PHY 1214, MTWHF 11,2. 4 credits

0101 (41617) MWF.....10:00am-10:50am (PHY 1410) Glick, A.
M.....12:00pm- 1:50pm (PHY 3312) Lab
M.....11:00am-11:50am (PHY 4208) Dis
0102 (41618) MWF.....10:00am-10:50am (PHY 1410) Glick, A.
W.....12:00pm- 1:50pm (PHY 3312) Lab
W.....11:00am-11:50am (EGR 3114) Dis
0103 (41619) MWF.....10:00am-10:50am (PHY 1410) Glick, A.
Tu.....12:00pm- 1:50pm (PHY 3312) Lab
Tu.....11:00am-11:50am (PHY 4208) Dis
0104 (41620) MWF.....10:00am-10:50am (PHY 1410) Glick, A.
Tu..... 2:00pm- 3:50pm (PHY 3312) Lab
Tu..... 1:00pm- 1:50pm (PHY 1221) Dis
0105 (41621) MWF.....10:00am-10:50am (PHY 1410) Glick, A.
W..... 3:00pm- 4:50pm (PHY 3312) Lab
W..... 2:00pm- 2:50pm (PHY 1221) Dis
0106 (41622) MWF.....10:00am-10:50am (PHY 1410) Glick, A.
Th.....10:00am-11:50am (PHY 3312) Lab
Th..... 9:00am- 9:50am (PHY 0405) Dis
0201 (41623) TuTh.....12:30pm- 1:45pm (PHY 1410) Misner, C.
Tu.....10:00am-11:50am (PHY 3312) Lab
Tu..... 9:00am- 9:50am (PHY 0405) Dis
0202 (41624) TuTh.....12:30pm- 1:45pm (PHY 1410) Misner, C.
Th..... 3:00pm- 4:50pm (PHY 3312) Lab
Th..... 2:00pm- 2:50pm (PHY 1221) Dis
0203 (41625) TuTh.....12:30pm- 1:45pm (PHY 1410) Misner, C.
M..... 4:00pm- 5:50pm (PHY 3312) Lab
M..... 3:00pm- 3:50pm (PHY 1221) Dis
0204 (41626) TuTh.....12:30pm- 1:45pm (PHY 1410) Misner, C.
W..... 9:00am-10:50am (PHY 3312) Lab
W..... 8:00am- 8:50am (PHY 1402) Dis
0205 (41627) TuTh.....12:30pm- 1:45pm (PHY 1410) Misner, C.
Th..... 8:00am- 9:50am (PHY 3312) Lab
Tu..... 9:00am- 9:50am (MTH B0425) Dis
0301 (41628) MW..... 7:00pm- 8:30pm (PHY 1412) Ellis, R.
Tu..... 7:30pm- 9:30pm (PHY 3312) Lab
Tu..... 6:30pm- 7:20pm (PHY 1219) Dis
0302 (41629) MW..... 7:00pm- 8:30pm (PHY 1412) Ellis, R.
Th..... 7:30pm- 9:30pm (PHY 3312) Lab
Th..... 6:30pm- 7:20pm (MTH 0104) Dis
0303 (41630) MW..... 7:00pm- 8:30pm (PHY 1412) Ellis, R.
Tu..... 4:00pm- 6:00pm (PHY 3312) Lab
Tu..... 3:00pm- 3:50pm (PHY 0405) Dis

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics Clinic, PHY 1214, MTWHF 2. 4 credits

01*2 (41640) MWF..... 3:00pm- 3:50pm (PHY 1410) Bhagat, S.
W..... 1:00pm- 2:50pm (PHY 3314) Lab
W.....12:00pm-12:50pm (PHY 4208) Dis
This section is part of the university's First Year Focus initiative. It is open to first year students and new transfer students.

0104 (41641) MWF..... 3:00pm- 3:50pm (PHY 1410) Bhagat, S.
Th.....11:00am-12:50pm (PHY 3314) Lab
Th.....10:00am-10:50am (PHY 1219) Dis

PHYS142 **Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: PHYS 141 or equivalent. Credit will be granted for only one of the following: PHYS 142, PHYS 262, PHYS 272, or former PHYS 192.* Physics Clinic, PHY 1214, MTWHF 10,12. — 4 credits

0101 (41651) MWF.....11:00am-11:50am (PHY 1410) Anderson, J.
M..... 1:00pm- 2:50pm (PHY 3310) Lab
M.....12:00pm-12:50pm (PHY 4220) Dis
0102 (41652) MWF.....11:00am-11:50am (PHY 1410) Anderson, J.
M..... 3:00pm- 4:50pm (PHY 3310) Lab
M..... 2:00pm- 2:50pm (PHY 1402) Dis
0103 (41653) MWF.....11:00am-11:50am (PHY 1410) Anderson, J.
Tu..... 9:00am-10:50am (PHY 3310) Lab
Tu..... 8:00am- 8:50am (PHY 4220) Dis
0104 (41654) MWF.....11:00am-11:50am (PHY 1410) Anderson, J.
Tu..... 3:00pm- 4:50pm (PHY 3310) Lab
Tu..... 2:00pm- 2:50pm (PHY 1221) Dis

PHYS161 **General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics Clinic, PHY 1214, MTWHF 11, 1, 2. — 3 credits

0201 (41664) MWF.....12:00pm-12:50pm (PHY 1412) Gates, S.
M..... 4:00pm- 4:50pm (PHY 4206) Dis
0202 (41665) MWF.....12:00pm-12:50pm (PHY 1412) Gates, S.
Tu..... 8:00am- 8:50am (PHY 4206) Dis
0203 (41666) MWF.....12:00pm-12:50pm (PHY 1412) Gates, S.
Th..... 8:00am- 8:50am (PHY 4206) Dis
0204 (41667) MWF.....12:00pm-12:50pm (PHY 1412) Gates, S.
M..... 1:00pm- 1:50pm (PHY 4220) Dis
0205 (41668) MWF.....12:00pm-12:50pm (PHY 1412) Gates, S.
W..... 2:00pm- 2:50pm (PHY 4206) Dis
0301 (41669) MWF..... 2:00pm- 2:50pm (PHY 1410) Anlage, S.
Tu.....11:00am-11:50am (PHY 1402) Dis
0302 (41670) MWF..... 2:00pm- 2:50pm (PHY 1410) Anlage, S.
Th..... 2:00pm- 2:50pm (PHY 4206) Dis
0303 (41671) MWF..... 2:00pm- 2:50pm (PHY 1410) Anlage, S.
W..... 8:00am- 8:50am (PHY 4206) Dis
0304 (41672) MWF..... 2:00pm- 2:50pm (PHY 1410) Anlage, S.
Th..... 8:00am- 8:50am (PHY 1219) Dis
0305 (41673) MWF..... 2:00pm- 2:50pm (PHY 1410) Anlage, S.
F..... 1:00pm- 1:50pm (PHY 4206) Dis
0401 (41674) MW..... 7:00pm- 9:00pm (PHY 1410) STAFF
MW..... 7:00pm- 9:00pm (PHY 1219) Dis
0402 (41675) MW..... 7:00pm- 9:00pm (PHY 1410) STAFF
MW..... 7:00pm- 9:00pm (PHY 1221) Dis
0403 (41676) MW..... 7:00pm- 9:00pm (PHY 1410) STAFF
MW..... 7:00pm- 9:00pm (PHY 1402) Dis

PHYS161H **General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* — 3 credits

0101 (41686) MWF.....12:00pm-12:50pm (PHY 1412) Gates, S.
M..... 4:00pm- 4:50pm (PHY 0405) Dis
0201 (41687) MWF..... 2:00pm- 2:50pm (PHY 1410) Anlage, S.
M..... 4:00pm- 4:50pm (PHY 0405) Dis

PHYS171 **Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* — 3 credits

0101 (41697) MTuThF....10:00am-10:50am (PHY 0405) Einstein, T.

PHYS262 **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* Physics Clinic, PHY 1214, MTWHF 11, 1. — 4 credits

0201 (41707) MWF.....10:00am-10:50am (PHY 1412) Redish, E.
Tu.....12:00pm-12:50pm (PHY 1314) Dis
0202 (41708) MWF.....10:00am-10:50am (PHY 1412) Redish, E.
M..... 1:00pm- 1:50pm (PHY 1314) Dis
0203 (41709) MWF.....10:00am-10:50am (PHY 1412) Redish, E.
Th.....11:00am-11:50am (PHY 1314) Dis
0204 (41710) MWF.....10:00am-10:50am (PHY 1412) Redish, E.
W..... 8:00am- 8:50am (PHY 1314) Dis
0205 (41711) MWF.....10:00am-10:50am (PHY 1412) Redish, E.
Tu..... 5:00pm- 5:50pm (PHY 1314) Dis
0301 (41712) TuTh..... 9:30am-10:45am (PHY 1410) Hamilton, D.
W..... 5:00pm- 5:50pm (PHY 1221) Dis
0303 (41713) TuTh..... 9:30am-10:45am (PHY 1410) Hamilton, D.
Th..... 1:00pm- 1:50pm (PHY 1221) Dis
0304 (41714) TuTh..... 9:30am-10:45am (PHY 1410) Hamilton, D.
F.....12:00pm-12:50pm (PHY 4208) Dis
0305 (41715) TuTh..... 9:30am-10:45am (PHY 1410) Hamilton, D.
Th..... 8:00am- 8:50am (PHY 1221) Dis
0306 (41716) TuTh..... 9:30am-10:45am (PHY 1410) Hamilton, D.
Th.....11:00am-11:50am (PHY 0405) Dis

PHYS262A **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI. Laboratory for PHYS 262.** — No credit

0103 (41726) M.....12:00pm- 1:50pm (PHY 3219) Lab Chang, C.
0104 (41727) M..... 2:00pm- 3:50pm (PHY 3219) Lab Chang, C.
0105 (41728) M..... 4:00pm- 5:50pm (PHY 3219) Lab Chang, C.
0107 (41729) Tu.....10:00am-11:50am (PHY 3219) Lab Chang, C.
0108 (41730) Tu.....12:00pm- 1:50pm (PHY 3219) Lab Chang, C.
0109 (41731) Tu..... 2:00pm- 3:50pm (PHY 3219) Lab Chang, C.
0110 (41732) Tu..... 4:00pm- 5:50pm (PHY 3219) Lab Chang, C.
0113 (41733) W.....12:00pm- 1:50pm (PHY 3219) Lab Chang, C.
0114 (41734) W..... 2:00pm- 3:50pm (PHY 3219) Lab Chang, C.
0117 (41735) Th.....12:00pm- 1:50pm (PHY 3219) Lab Chang, C.
0118 (41736) Th..... 2:00pm- 3:50pm (PHY 3219) Lab Chang, C.

PHYS263 **General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* Physics Clinic, PHY 1214, MTWHF 10, 12, 2. — 4 credits

0101 (41746) MWF..... 1:00pm- 1:50pm (PHY 1412) Jawahery, A.
Tu..... 3:00pm- 3:50pm (PHY 4208) Dis
0103 (41747) MWF..... 1:00pm- 1:50pm (PHY 1412) Jawahery, A.
M.....10:00am-10:50am (PHY 1219) Dis
0104 (41748) MWF..... 1:00pm- 1:50pm (PHY 1412) Jawahery, A.
W.....12:00pm-12:50pm (PHY 4220) Dis
0105 (41749) MWF..... 1:00pm- 1:50pm (PHY 1412) Jawahery, A.
Th..... 1:00pm- 1:50pm (PHY 4208) Dis
0301 (41750) TuTh..... 2:00pm- 3:15pm (PHY 1412) Baden, A.
Tu..... 6:00am- 8:50am (PHY 1219) Dis
0302 (41751) TuTh..... 2:00pm- 3:15pm (PHY 1412) Baden, A.
W..... 1:00pm- 1:50pm (PHY 4208) Dis
0303 (41752) TuTh..... 2:00pm- 3:15pm (PHY 1412) Baden, A.
Th.....12:00pm-12:50pm (PHY 1219) Dis
0304 (41753) TuTh..... 2:00pm- 3:15pm (PHY 1412) Baden, A.
Tu..... 1:00pm- 1:50pm (PHY 1402) Dis
0305 (41754) TuTh..... 2:00pm- 3:15pm (PHY 1412) Baden, A.
F.....10:00am-10:50am (PHY 1219) Dis
0306 (41755) TuTh..... 2:00pm- 3:15pm (PHY 1412) Baden, A.
Tu..... 1:00pm- 1:50pm (PHY 1219) Dis
0401 (41756) MW..... 7:00pm- 9:00pm (PHY 0405) Greene, R.
MW..... 7:00pm- 9:00pm (PHY 4206) Dis
0402 (41757) MW..... 7:00pm- 9:00pm (PHY 0405) Greene, R.
MW..... 7:00pm- 9:00pm (PHY 4220) Dis

PHYS263A **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI. Laboratory for PHYS 263.** — No credit

0102 (41767) Th..... 2:00pm- 3:50pm (PHY 3220) Lab Chang, C.
0103 (41768) M.....12:00pm- 1:50pm (PHY 3220) Lab Chang, C.
0104 (41769) M..... 2:00pm- 3:50pm (PHY 3220) Lab Chang, C.
0105 (41770) M..... 4:00pm- 5:50pm (PHY 3220) Lab Chang, C.
0107 (41771) Tu.....10:00am-11:50am (PHY 3220) Lab Chang, C.
0108 (41772) Tu.....12:00pm- 1:50pm (PHY 3220) Lab Chang, C.
0109 (41773) Tu..... 2:00pm- 3:50pm (PHY 3220) Lab Chang, C.
0110 (41774) Tu..... 4:00pm- 5:50pm (PHY 3220) Lab Chang, C.
0111 (41775) W..... 8:00am- 9:50am (PHY 3220) Lab Chang, C.
0112 (41776) W.....10:00am-11:50am (PHY 3220) Lab Chang, C.
0113 (41777) W.....12:00pm- 1:50pm (PHY 3220) Lab Chang, C.
0114 (41778) W..... 2:00pm- 3:50pm (PHY 3220) Lab Chang, C.
0115 (41779) W..... 4:00pm- 5:50pm (PHY 3220) Lab Chang, C.
0116 (41780) Th.....10:00am-11:50am (PHY 3220) Lab Chang, C.
0117 (41781) Th.....12:00pm- 1:50pm (PHY 3220) Lab Chang, C.
0119 (41782) Tu..... 7:00pm- 8:50pm (PHY 3220) Lab Chang, C.
0120 (41783) Th..... 7:00pm- 8:50pm (PHY 3220) Lab Chang, C.

PHYS263H (PermReq) **General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* Clinic - M and Z Slawsky, arranged - PHY 1214. — 4 credits

0101 (41793) MWF..... 1:00pm- 1:50pm (PHY 1412) Jawahery, A.
M..... 4:00pm- 4:50pm (PHY 1219) Dis
0301 (41794) TuTh..... 2:00pm- 3:15pm (PHY 1412) Baden, A.
M..... 4:00pm- 4:50pm (PHY 1221) Dis

PHYS272 **Introductory Physics: Vibrations, Waves, Heat, Fluids, Optics, Light; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 171 and MATH 141. Corequisites: PHYS 275 and (MATH 241 or MATH 240). Credit will be granted for only one of the following: PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken concurrently with PHYS 275. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with PHYS 275, course may be counted as USP Distributive Studies Area B Course Lab Science Course. — 5 credits

0101 (41804) MF.....11:00am-11:50am (PHY 1402) Lobb, C.
W.....10:00am-11:50am (PHY 1402)

PHYS273 **Introductory Physics: Electrodynamics and Relativity; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 272, PHYS 275 and (MATH 240 or MATH 241). Corequisites: PHYS 276 and (MATH 240 or MATH 241). Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* USP Distributive Studies Area B Natural Sciences and Mathematics Lab Science Course when taken with PHYS 276. — 5 credits

0101 (41814) MTuThF.... 9:00am- 9:50am (PHY 4220) Kaeser, C.

PHYS275 (PermReq) **Experimental Physics I: Mechanics and Thermodynamics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 171 or PHYS 191. Two-three hour laboratory-lecture per week. Credit will not be granted for more than two of the following courses: PHYS275, PHYS 195, PHYS 196.* CORE Distributive Studies Physical Sciences Laboratory Course only when taken concurrently with PHYS 272. — 1 credit

0101 (41824) M..... 3:00pm- 5:50pm (PHY 3203) Lab STAFF
0201 (41825) W..... 1:00pm- 3:50pm (PHY 3203) Lab Palk, H.
0301 (41826) Th..... 2:00pm- 4:50pm (PHY 3203) Lab Palk, H.

PHYS276 **Experimental Physics II: Electricity and Magnetism; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 272 and PHYS 275. Credit will be granted for only one of the following: PHYS 276 or former PHYS 295.* — 2 credits

0101 (41836) M..... 1:00pm- 4:50pm (PHY 3211) Skiff, F.
0201 (41837) Tu..... 1:00pm- 4:50pm (PHY 3211) Skiff, F.

PHYS299 (PermReq) **Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

PHYS301 **Intermediate Theoretical Physics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 142 and MATH 241.* — 3 credits

0101 (41982) MWF.....12:00pm-12:50pm (PHY 1221) STAFF

PHYS305 **Physics Shop Techniques; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 395 or permission of department.* — 1 credit

0101 (41992) Th..... 2:00pm- 4:50pm (PHY 0125) Lab Giddings, M.

PHYS375 (PermReq) **Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 273 and PHYS 276. Credit will be granted for only one of the following: PHYS 375 or former PHYS 296.* — 2 credits

0101 (42002) M..... 1:00pm- 4:50pm (PHY 3104) Lab STAFF
0201 (42003) W..... 2:00pm- 5:50pm (PHY 3104) Lab Currie, D.
0301 (42004) Th..... 1:00pm- 4:50pm (PHY 3104) Lab Currie, D.

PHYS386 (PermReq) **Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

PHYS389 (PermReq) **Undergraduate Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

PHYS389H **Undergraduate Thesis Research: Honors Seminar; Grade Method: REG/P-F/AUD.** — 1 credit

0101 (42150) M..... 4:00pm- 5:00pm (PHY 4220) STAFF

PHYS395 (PermReq) **Advanced Experiments; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 375. For PHYS majors only.* Additional required lab time to be arranged. — 3 credits

0101 (42160) W.....12:00pm- 3:50pm (PHY 3210) Lab Chang, C.

PHYS398 (PermReq) **Independent Studies Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-16 credits

PHYS399 (PermReq) **Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-3 credits

PHYS410 **Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301 ; and MATH 241. Corequisite: MATH 240.* — 4 credits

0101 (42440) TuTh..... 9:00am-10:50am (PHY 4208) Hadley, N.

PHYS411 **Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301 ; and MATH 240 and MATH 241.* — 4 credits

0101 (42450) TuTh..... 9:00am-10:50am (PHY 1402) Cohen, T.

PHYS414 **Introduction to Thermodynamics and Statistical Mechanics; Grade Method: REG/P-F/AUD.** *Prerequisites: PHYS 301 or equivalent , PHYS 420 or PHYS 421 or equivalent , and MATH 241.* — 3 credits

0101 (42460) TuTh..... 2:30pm- 3:45pm (PHY 1219) DeSilva, A.

PHYS420 **Principles of Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301 ; and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.* — 3 credits

0101 (42470) MWF.....12:00pm-12:50pm (PHY 1410) Hu, B.

PHYS421 **Introduction to Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: PHYS 263 or PHYS 273 or PHYS 301 ; and MATH 241, including some knowledge of ordinary equations. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.* — 3 credits

0101 (42480) MWF.....11:00am-11:50am (PHY 1219) Patl, J.

PHYS422 **Modern Physics; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 421.* — 4 credits

0101 (42490) MF..... 9:00am- 9:50am (PHY 1219) Boyd, D.
W..... 9:00am-10:50am (PHY 1219)

PHYS429 (PermReq) **Atomic and Nuclear Physics Laboratory; Grade Method: REG/P-F/AUD. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. Physics majors only.** — 3 credits

0101 (42500) M..... 1:00pm- 6:00pm (PHY 3112) Lab Roos, P.
0201 (42501) Th.....12:00pm- 5:00pm (PHY 3112) Lab Lynn, J.

PHYS485 (PermReq) **Electronic Circuits; Grade Method: REG/P-F/AUD.** *Prerequisite: PHYS 395. Corequisite: PHYS 301 or PHYS 411. Lab begins first week of classes.* — 4 credits

0101 (42511) M..... 2:00pm- 3:50pm (PHY 4220) Coplan, M.
W..... 1:00pm- 4:50pm (PHY 3301) Lab

PHYS490 **History of Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: PHYS 420 or PHYS 421 or equivalent.* — 3 credits

0101 (42521) TuTh..... 2:00pm- 3:15pm (PHY 4220) Doel, R.

PHYS499A (PermReq) **Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-16 credits

PHYS499B (PermReq) **Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 1-16 credits

PHYS499J **Special Problems in Physics: Mathematica for Scientists and Engineers; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (42802) MWF.....11:00am-11:50am (PHY 0405) Macdonald, W.

PHYS504 **Optics for the Middle School; Grade Method: S-F.** *Prerequisite: current status as a middle school science teacher or permission of instructor.* — 1 credit

0101 (42812) Time and room to be arranged Berg, R.

PHYS601 **Theoretical Dynamics; Grade Method: REG/AUD.** *Prerequisite: PHYS 410 or equivalent.* Advanced special students require department authorization. — 3 credits

0101 (42822) MWF..... 1:00pm- 1:50pm (PHY 1402) STAFF

PHYS603 **Methods of Statistical Physics; Grade Method: REG/AUD.** *Prerequisite: PHYS 414 or equivalent. Credit will be granted for only one of the following: PHYS 602 or PHYS 603.* — 3 credits

0101 (42832) TuTh..... 1:00pm- 2:15pm (PHY 0405) Drew, H.

PHYS606 **Electrodynamics; Grade Method: REG/AUD.** *Prerequisite: PHYS 604 or equivalent.* Advanced special students require department authorization. — 4 credits

0101 (42842) TuTh.....11:00am-11:50am (PHY 4220) Hassam, A.
0201 (42843) MW.....10:00am-10:50am (PHY 4206) Wallace, S.
F.....10:00am-11:50am (PHY 4208)

PHYS621 (PermReq) **Graduate Laboratory; Grade Method: REG/AUD.** All labs will extend 1 hour beyond those listed below. Advanced special students require department authorization. — 3 credits

0101 (42853) M..... 1:00pm- 6:00pm (PHY 3112) Lab Roos, P.
0201 (42854) Th.....12:00pm- 5:00pm (PHY 3112) Lab Lynn, J.

PHYS623 **Introduction to Quantum Mechanics II; Grade Method: REG/AUD.** *Prerequisite: an outstanding undergraduate background in physics.* Advanced special students require department authorization. — 3 credits

0101 (42864) MWF.....10:00am-10:50am (PHY 4220) Banerjee, M.
0201 (42865) TuTh..... 2:00pm- 3:15pm (MTH B0429) Fivel, D.

PHYS625 **Non-relativistic Quantum Mechanics; Grade Method: REG/AUD.** *Prerequisite: PHYS 623.* Advanced special students require department authorization. — 3 credits

0101 (42875) MWF.....11:00am-11:50am (PHY 4220) Prange, R.

PHYS704 **Statistical Mechanics; Grade Method: REG/AUD.** *Prerequisites: PHYS 411; and PHYS 602.* — 3 credits

0101 (42885) MWF..... 2:00pm- 2:50pm (PHY 1304) Kirkpatrick, T.

PHYS709 **Seminar in General Physics: Statistical Physics; Grade Method: REG/AUD.** Advanced special students require department authorization. — 1 credit

0101 (42895) Tu..... 1:15pm- 2:30pm (IPT 1116) Fisher, M.

PHYS719 **Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD.** Advanced special students require department authorization. — 1 credit

0101 (42905) W..... 2:00pm- 3:50pm (PHY 1126) Dragt, A.

PHYS738 **Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD.** Advanced special students require department authorization. — 1 credit

0101 (42915) Th..... 2:30pm- 4:00pm (PHY 0405) Anderson, J.

PHYS739 **Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD.** Advanced special students require department authorization. — 1 credit

0101 (42925) Th..... 2:30pm- 4:00pm (PHY 0405) Das Sarma, S.

PHYS748 **Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD.** Advanced special students require department authorization. — 1 credit

0101 (42935) M..... 4:00pm- 5:30pm (PHY 1304) Roos, P.

PHYS749 **Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD.** Advanced special students require department authorization. — 1 credit

0101 (42945) W..... 4:00pm- 5:30pm (PHY 1219) Macdonald, W.

PHYS752 **Elementary Particle Physics II: Theory; Grade Method: REG/AUD.** *Prerequisites: PHYS 624; and PHYS 751 .* — 3 credits

0101 (42955) TuTh..... 2:30pm- 3:45pm (PHY 1402) Mohapatra, R.

PHYS758 **Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD.** Advanced special students require department authorization, — 1 credit

0101 (42965) M..... 4:00pm- 4:50pm (PHY 4220) Hadley, N.

PHYS759 **Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD.** Advanced special students require department authorization. — 1 credit

0101 (42975) M..... 3:30pm- 4:50pm (PHY 4102) Gates, S.

PHYS782 **Plasma Physics II; Grade Method: REG/AUD.** Advanced special students require department authorization. — 3 credits

0101 (42985) MWF..... 2:00pm- 2:50pm (PHY 0405) Liu, C.

PHYS789 **Seminar in Plasma Physics: Plasma Physics Research; Grade Method: REG/AUD.** Advanced special students require department authorization. — 1 credit

0101 (42995) M..... 3:45pm- 5:00pm (Arranged) Hassam, A.

PHYS778 **Advanced Gravitation Theory; Grade Method: REG/AUD.** *Prerequisites: PHYS 623 and PHYS 675.* — 3 credits

0101 (43005) TuTh.....11:00am-12:15pm (PHY 1304) Jacobson, T.

PHYS778 **Seminar in Space and Cosmic Ray Physics; Grade Method: REG/AUD.** Advanced special students require department authorization. — 1 credit

0101 (43015) M..... 4:15pm- 6:00pm (CSS 1113) Hamilton, D.

PHYS779A **Seminar in General Relativity: Theoretical General Relativity; Grade Method: REG/AUD.** — 1 credit

0101 (43025) F.....12:30pm- 2:00pm (PHY 1304) Hu, B.

PHYS779B **Seminar in General Relativity: Experimental General Relativity; Grade Method: REG/AUD.** — 1 credit

0101 (43035) Th..... 2:00pm- 3:50pm (PHY 1126) Palk, H.

PHYS798 (PermReq) **Special Problems in Advanced Physics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — 3 credits

PHYS798B **Special Problems in Advanced Physics: Physics Colloquium; Grade Method: REG/AUD.** — 1 credit

0101 (43161) Tu..... 4:00pm- 5:30pm (PHY 1410) Bardasis, A.

PHYS799 **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — 1-6 credits

PHYS832 **Theory of Solids I; Grade Method: REG/AUD.** *Prerequisite: PHYS 623. Corequisite PHYS 625.* — 3 credits

0101 (43327) MW..... 9:30am-10:45am (PHY 1221) STAFF

PHYS838A **Special Topics in Experimental Solid State Physics: Methods of Surface Physics; Grade Method: REG/AUD.** — 2 credits

0101 (43337) F..... 4:00pm- 6:00pm (Arranged) Park, R.

PHYS838C Special Topics in Experimental Solid State Physics: Superconductivity Seminar; Grade Method: REG/AUD. — 1 credit
0101 (43347) W.....12:00pm- 1:15pm (PHY 1219) — Greene, R.

PHYS839A Special Topics in Theoretical Solid State Physics: Theory of Low Dimensional Systems; Grade Method: REG/AUD. — 2 credits
0101 (43357) F..... 4:00pm- 7:00pm (PHY 1304) — Das Sarma, S.

PHYS851 Advanced Quantum Field Theory; Grade Method: REG/AUD. *Prerequisite: PHYS 624.* — 3 credits
0101 (43367) MWF.....11:00am-11:50am (PHY 4102) — Greenberg, O.

PHYS888 Special Topics in Applied Physics: Instrumental Techniques for Experimental Physics Research; Grade Method: REG/AUD. Advanced special students require department authorization. — 2 credits
0101 (43377) TuTh.....12:00pm-12:50pm (PHY 1221) — Giganti, J.

PHYS899 Doctoral Dissertation Research; Grade Method: REG. Individual instruction course: contact department or instructor to obtain section number. — 1-8 credits

Physics Colloquium meets TU 4-5.30 in PHY 1410 and PHY 1412. Physics Journal Club meets Th 4-5.30 in PHY 1410.

PORT Portuguese (Arts and Humanities)

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: PORT 101.* — 4 credits
0101 (43577) MWF.....12:00pm-12:50pm (ARM 0119) — STAFF
Tu.....12:00pm-12:50pm (JMZ 0125)

PORT205 Intermediate Conversation; Grade Method: REG/P-F/AUD. *Prerequisite: PORT 203 or permission of department.* — 3 credits
0101 (43587) MWF.....11:00am-11:50am (ARM 0119) — STAFF

PORT224 Brazilian Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. CORE Cultural Diversity Course. — 3 credits
0101 (43597) MWF.....10:00am-10:50am (ASV 3217) — Butler, P.

PORT311 Advanced Grammar and Composition; Grade Method: REG/P-F/AUD. *Prerequisite: PORT 205.* — 3 credits
0101 (43607) TuTh.....12:30pm- 1:45pm (JMZ 0103) — Igel, R.

PORT386 (PermReq) Experiential Learning; Grade Method: REG/P-F. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits
0101 (43617) Time and room to be arranged — Igel, R.

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PORT422 Cross-Cultural Approaches to Contemporary Luso-Brazilian Societies; Grade Method: REG/P-F/AUD. *Prerequisites: PORT 205 or permission of department and PORT 223 or PORT 224 or PORT 225.* — 3 credits
0101 (43629) MWF..... 1:00pm- 1:50pm (COL 3109) — Butler, P.

PORT470 (PermReq) Modernism in Brazilian Prose Fiction; Grade Method: REG/P-F/AUD. *Prerequisite: permission of department.* — 3 credits
0101 (43639) TuTh..... 2:00pm- 3:15pm (JMZ 0103) — Igel, R.

PORT478A Themes and Movements of Luso-Brazilian Literature in Translation: Africa in Brazil; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 (43649) MWF.....11:00am-11:50am (JMZ 0220) — Butler, P.

PORT899 (PermReq) Independent Study of Portuguese; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PSYC Psychology (Behavioral and Social Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Discussion sections do not meet until after first lecture. — 3 credits
0110 (43709) MW..... 9:00am- 9:50am (ZOP 1250) — STAFF
M.....10:00am-10:50am (ZOP 1228) Dis
0111 (43710) MW..... 9:00am- 9:50am (ZOP 1250) — STAFF
M.....11:00am-11:50am (ZOP 1228) Dis
0112 (43711) MW..... 9:00am- 9:50am (ZOP 1250) — STAFF
M.....12:00pm-12:50pm (ZOP 1228) Dis
0113 (43712) MW..... 9:00am- 9:50am (ZOP 1250) — STAFF
W..... 1:00pm- 1:50pm (ZOP 1228) Dis
0114 (43713) MW..... 9:00am- 9:50am (ZOP 1250) — STAFF
M..... 2:00pm- 2:50pm (ZOP 1228) Dis
0115 (43714) MW..... 9:00am- 9:50am (ZOP 1250) — STAFF
M..... 3:00pm- 3:50pm (ZOP 1228) Dis
0220 (43715) MW.....10:00am-10:50am (ZOP 1250) — STAFF
W.....11:00am-11:50am (ZOP 1228) Dis
0221 (43716) MW.....10:00am-10:50am (ZOP 1250) — STAFF
W.....12:00pm-12:50pm (ZOP 1228) Dis
0222 (43717) MW.....10:00am-10:50am (ZOP 1250) — STAFF
M..... 1:00pm- 1:50pm (ZOP 1228) Dis
0223 (43718) MW.....10:00am-10:50am (ZOP 1250) — STAFF
W..... 2:00pm- 2:50pm (ZOP 1228) Dis
0224 (43719) MW.....10:00am-10:50am (ZOP 1250) — STAFF
W..... 3:00pm- 3:50pm (ZOP 1228) Dis
0225 (43720) MW.....10:00am-10:50am (ZOP 1250) — STAFF
Th..... 9:00am- 9:50am (ZOP 1232) Dis
0330 (43721) MW.....12:00pm-12:50pm (ZOP 1250) — STAFF
Tu..... 9:00am- 9:50am (ZOP 1232) Dis
0331 (43722) MW.....12:00pm-12:50pm (ZOP 1250) — STAFF
Tu.....10:00am-10:50am (HBK 1108) Dis
0332 (43723) MW.....12:00pm-12:50pm (ZOP 1250) — STAFF
Tu..... 1:00pm- 1:50pm (ZOP 1228) Dis
0333 (43724) MW.....12:00pm-12:50pm (ZOP 1250) — STAFF
Tu..... 2:00pm- 2:50pm (ZOP 1228) Dis
0334 (43725) MW.....12:00pm-12:50pm (ZOP 1250) — STAFF
Tu..... 3:00pm- 3:50pm (ZOP 1228) Dis
0335 (43726) MW.....12:00pm-12:50pm (ZOP 1250) — STAFF
W..... 9:00am- 9:50am (ZOP 1228) Dis
0440 (43727) MW..... 1:00pm- 1:50pm (ZOP 1250) — Van Wagoner, S.
Th.....10:00am-10:50am (HBK 1108) Dis
0441 (43728) MW..... 1:00pm- 1:50pm (ZOP 1250) — Van Wagoner, S.
Th.....11:00am-11:50am (ZOP 1228) Dis
0442 (43729) MW..... 1:00pm- 1:50pm (ZOP 1250) — Van Wagoner, S.
Th.....12:00pm-12:50pm (ZOP 1228) Dis
0443 (43730) MW..... 1:00pm- 1:50pm (ZOP 1250) — Van Wagoner, S.
Th..... 1:00pm- 1:50pm (ZOP 1228) Dis
0444 (43731) MW..... 1:00pm- 1:50pm (ZOP 1250) — Van Wagoner, S.
Th..... 2:00pm- 2:50pm (ZOP 1228) Dis
0445 (43732) MW..... 1:00pm- 1:50pm (ZOP 1250) — Van Wagoner, S.
Th..... 3:00pm- 3:50pm (ZOP 1228) Dis
0550 (43733) MW..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
M..... 9:00am- 9:50am (ZOP 1232) Dis
0551 (43734) MW..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
M.....10:00am-10:50am (ZOP 1232) Dis
0552 (43735) MW..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
M.....11:00am-11:50am (ZOP 1232) Dis
0553 (43736) MW..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
M.....12:00pm-12:50pm (ZOP 1232) Dis
0554 (43737) MW..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
M..... 1:00pm- 1:50pm (ZOP 1232) Dis
0555 (43738) MW..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
M..... 2:00pm- 2:50pm (ZOP 1232) Dis
0660 (43739) TuTh.....12:30pm- 1:20pm (ZOP 1250) — Martin, J.
W..... 9:00am- 9:50am (ZOP 1232) Dis
0661 (43740) TuTh.....12:30pm- 1:20pm (ZOP 1250) — Martin, J.
W.....10:00am-10:50am (ZOP 1228) Dis
0662 (43741) TuTh.....12:30pm- 1:20pm (ZOP 1250) — Martin, J.
W.....11:00am-11:50am (ZOP 1232) Dis
0663 (43742) TuTh.....12:30pm- 1:20pm (ZOP 1250) — Martin, J.
W.....12:00pm-12:50pm (ZOP 1232) Dis
0664 (43743) TuTh.....12:30pm- 1:20pm (ZOP 1250) — Martin, J.
W..... 1:00pm- 1:50pm (ZOP 1232) Dis
0665 (43744) TuTh.....12:30pm- 1:20pm (ZOP 1250) — Martin, J.
W..... 2:00pm- 2:50pm (ZOP 1232) Dis
0770 (43745) TuTh..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
F..... 9:00am- 9:50am (ZOP 1228) Dis
0771 (43746) TuTh..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
F.....11:00am-11:50am (ZOP 1228) Dis
0772 (43747) TuTh..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
F.....11:00am-11:50am (ZOP 1234) Dis
0773 (43748) TuTh..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
F.....12:00pm-12:50pm (ZOP 1228) Dis
0774 (43749) TuTh..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
F..... 1:00pm- 1:50pm (ZOP 1228) Dis
0775 (43750) TuTh..... 3:00pm- 3:50pm (ZOP 1250) — STAFF
F..... 2:00pm- 2:50pm (ZOP 1228) Dis

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Permission may be obtained in the General Honors Office (0110 Hornbake) or in ZOP 1107. — 3 credits
0101 (43760) TuTh.....10:00am-11:15am (ZOP 1232) — Hodos, W.
0201 (43761) TuTh.....11:00am-12:15pm (ZOP 1124) — Hall, W.

PSYC108H (PermReq) Honors Seminar; Grade Method: REG/P-F/AUD. Restricted to Honors students. — 3 credits
0101 (43771) TuTh..... 9:30am-10:45am (ZOP 1234) — Brauth, S.

PSYC200 (PermReq) Statistical Methods in Psychology; Grade Method: REG/P-F/AUD. *Prerequisite: PSYC 100; and MATH 111 or MATH 140 or MATH 220.* Permission must be obtained in ZOP 1107. — 3 credits
0101 (43781) TuTh..... 8:00am- 9:15am (ZOP 1238) — Anderson, N.
0201 (43782) MWF..... 9:00am- 9:50am (ZOP 1238) — Larkin, W.
0301 (43783) MWF.....10:00am-10:50am (ZOP 2283) — STAFF
0401 (43784) MWF.....12:00pm-12:50pm (ZOP 1236) — Horton, D.
0501 (43785) TuTh..... 9:30am-10:45am (ZOP 1238) — Penner, M.

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Prerequisite: PSYC 100.* — 3 credits
0110 (43796) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
W..... 2:00pm- 2:50pm (ZOP 1124) Dis
0111 (43797) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
W..... 3:00pm- 3:50pm (ZOP 1124) Dis
0112 (43798) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
Th.....12:00pm-12:50pm (ZOP 1232) Dis
0113 (43799) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
Th..... 1:00pm- 1:50pm (ZOP 1232) Dis
0114 (43800) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
Th..... 2:00pm- 2:50pm (ZOP 1232) Dis
0115 (43801) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
F.....10:00am-10:50am (ZOP 1232) Dis
0116 (43802) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
F.....11:00am-11:50am (ZOP 1232) Dis
0117 (43803) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
F.....12:00pm-12:50pm (ZOP 1232) Dis
0118 (43804) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
F..... 1:00pm- 1:50pm (ZOP 1232) Dis
0119 (43805) MW..... 1:00pm- 1:50pm (ZOP 1240) — Aspinwall, L.
F..... 2:00pm- 2:50pm (ZOP 1232) Dis

PSYC301 Biological Basis of Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: PSYC 100.* — 3 credits
0101 (43815) MWF.....11:00am-11:50am (ZOP 1250) — Yager, D.

PSYC310 Perception; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410.* — 3 credits
0101 (43825) TuTh..... 9:30am-10:45am (ZOP 2283) — Steinman, R.

PSYC336 Psychology of Women; Grade Method: REG/P-F/AUD. *Prerequisite: PSYC 100.* — 3 credits
0101 (43835) TuTh..... 9:30am-10:45am (ZOP 1243) — Goodman, L.

PSYC337 Introduction to Community Psychology; Grade Method: REG/P-F/AUD. *Prerequisite: PSYC 100.* — 3 credits
0101 (43845) MWF..... 1:00pm- 1:50pm (ZOP 1243) — Steele, R.

PSYC341 Introduction to Memory and Cognition; Grade Method: REG/P-F/AUD. *Prerequisite: PSYC 100.* — 3 credits
0101 (43855) MWF..... 2:00pm- 2:50pm (ZOP 1250) — Horton, D.

PSYC354 Cross-Cultural Psychology; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: PSYC 100 plus 3 credits in psychology or permission of department.* — 3 credits
0101 (43865) TuTh..... 2:00pm- 3:15pm (ZOP 1236) — Helms, J.
0201 (43866) MWF..... 2:00pm- 2:50pm (ZOP 1243) — STAFF

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Prerequisite: PSYC 100. Not open to students who have completed PSYC 333 or PSYC 433.* — 3 credits
0101 (43876) TuTh.....11:00am-12:15pm (ZOP 2283) — Scholnick, E.
0201 (43877) TuTh..... 2:00pm- 3:15pm (ZOP 1243) — Plude, D.

PSYC357 Psychology of Adulthood and Aging; Grade Method: REG/P-F/AUD. *Prerequisite: PSYC 100.* — 3 credits
0101 (43887) TuTh.....12:30pm- 1:45pm (ZOP 1243) — Johnson, J.

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD. *Prerequisite: PSYC 100.* — 3 credits
0101 (43897) MWF.....11:00am-11:50am (ZOP 1243) — Elron, E.

PSYC401 (PermReq) Biological Bases of Behavior Laboratory; Grade Method: REG/P-F/AUD. *Prerequisites: BIOL 105; and PSYC 200 or equivalent with permission of instructor; and PSYC 301 or equivalent.* — 4 credits
0101 (43907) MW..... 9:00am- 9:50am (ZOP 2109) — Yager, D.
M..... 1:00pm- 5:00pm (ZOP 4126) Lab
0102 (43908) MW..... 9:00am- 9:50am (ZOP 2109) — Yager, D.
Tu..... 1:00pm- 5:00pm (ZOP 4126) Lab
0103 (43909) MW..... 9:00am- 9:50am (ZOP 2109) — Yager, D.
W..... 1:00pm- 5:00pm (ZOP 4126) Lab
0104 (43910) MW..... 9:00am- 9:50am (ZOP 2109) — Yager, D.
Th..... 1:00pm- 5:00pm (ZOP 4126) Lab
0105 (43911) MW..... 9:00am- 9:50am (ZOP 2109) — Yager, D.
F..... 1:00pm- 5:00pm (ZOP 4126) Lab

PSYC405 Applied Behavior Analysis; Grade Method: REG/P-F/AUD. *Prerequisites: PSYC 200 and PSYC 301.* — 3 credits
0101 (43921) TuTh..... 1:45pm- 3:15pm (ZOP 1234) — McIntire, R.

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD. *Prerequisites: PSYC 200; and completion of the English, math and science supporting course sequence; and permission of department. A student who has completed PSYC 310 must have permission of the instructor in order to register for PSYC 410.* All others must obtain permission in ZOP 1107. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 (43931) TuTh..... 9:30am-10:45am (ZOP 1124) — Sternheim, C.
F..... 2:00pm- 4:00pm (ZOP 0124) Lab
0102 (43932) TuTh..... 9:30am-10:45am (ZOP 1124) — Sternheim, C.
F.....10:00am-12:00pm (ZOP 0124) Lab

PSYC415 History of Psychology; Grade Method: REG/P-F/AUD. *Prerequisite: twelve credits in psychology including PSYC 200 or permission of department.* — 3 credits
0101 (43942) MWF.....11:00am-11:50am (ZOP 1124) — Larkin, W.

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD. *Prerequisite: PSYC 200; and PSYC 221; and completion of the departmentally required English, math, and science supporting course sequence; and permission of department.* Permission may be obtained in ZOP 1107. Department approval is required after first week of classes. Waitlist is discontinued after the first week of classes. — 4 credits
0101 (43952) M..... 2:00pm- 4:00pm (ZOP 2283) — STAFF
TuTh.....12:00pm- 2:00pm (ZOP 0147) Lab
0102 (43953) M..... 2:00pm- 4:00pm (ZOP 2283) — STAFF
TuTh..... 2:00pm- 4:00pm (ZOP 0147) Lab
0103 (43954) M..... 2:00pm- 4:00pm (ZOP 2283) — STAFF
WF.....12:00pm- 2:00pm (ZOP 0147) Lab
0104 (43955) M..... 2:00pm- 4:00pm (ZOP 2283) — STAFF
WF..... 2:00pm- 4:00pm (ZOP 0147) Lab
0201 (43956) M.....10:00am-12:00pm (ZOP 1234) — Stangor, C.
TuTh.....10:00am-12:00pm (ZOP 0147) Lab
0202 (43957) M.....10:00am-12:00pm (ZOP 1234) — Stangor, C.
WF.....10:00am-12:00pm (ZOP 0147) Lab

PSYC424 (PermReq) Communication and Persuasion; Grade Method: REG/P-F/AUD. *Prerequisites: PSYC 200; and PSYC 221.* — 3 credits
0101 (43967) TuTh.....11:00am-12:15pm (ZOP 1236) — Mills, J.

PSYC435 Personality Theories; Grade Method: REG/P-F/AUD. *Prerequisite: PSYC 100; and PSYC 200 or equivalent.* — 3 credits
0101 (43977) TuTh..... 2:00pm- 3:15pm (ZOP 1124) — Smith, B.

PSYC436 (PermReq) Introduction to Clinical Psychology; Grade Method: REG/P-F/AUD. *Prerequisite: PSYC 200 or equivalent.* — 3 credits
0101 (43987) TuTh..... 9:30am-10:45am (ZOP 1236) — Alexander, P.

PSYC440 Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD. *Prerequisites: PSYC 100; and PSYC 200 or a statistics course from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence; and permission of department.* — 4 credits
0101 (43997) MWF.....12:00pm-12:50pm (EGR 3140) — Norman, K.
M..... 1:00pm- 5:00pm (ZOP 0124) Lab
0102 (43998) MWF.....12:00pm-12:50pm (EGR 3140) — Norman, K.
Tu..... 1:00pm- 5:00pm (ZOP 0124) Lab

PSYC450 (PermReq) Field Research in Organizational Psychology; Grade Method: REG/AUD. *Prerequisites: PSYC 100, PSYC 200 and completion of required English, math, science sequence. Recommended: PSYC 361. For PSYC majors only.* Permission may be obtained in ZOP 1107. — 4 credits
0101 (44008) MW..... 9:00am-11:00am (ZOP 1124) — Guzzo, R.

PSYC455 Life-Span Cognitive Development; Grade Method: REG/P-F/AUD. *Prerequisites: PSYC 200 and PSYC 355 or PSYC 341 or PSYC 440.* — 3 credits
0101 (44018) TuTh.....11:00am-12:15pm (ZOP 2109) — Plude, D.

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. — 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. — 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107. — 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107. — 1-3 credits

PSYC498H Advanced Psychology II (Honors); Grade Method: REG/P-F/AUD. — 3 credits
0101 (44204) Tu..... 2:00pm- 5:00pm (ZOP 2283) — Hodos, W.

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107. — 3 credits

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 level and above courses.

PSYC602 Quantitative Methods II; Grade Method: REG/AUD. *Prerequisite: PSYC 200 and PSYC 601 or equivalent.* For all non-psychology graduate students, written permission of the instructor is required. — 3 credits
0101 (44257) TuTh..... 9:30am-10:45am (ZOP 2109) — Hanges, P.
Th..... 5:00pm- 6:00pm (ZOP 2109) Dis

PSYC611 Advanced Developmental Psychology; Grade Method: REG/AUD. PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. — 3 credits
0101 (44267) Th..... 1:00pm- 3:30pm (ZOP 1103) — Hall, W.
Time and room to be arranged Lab

PSYC651 Sensory and Perceptual Processes; Grade Method: REG/AUD. For all non-psychology graduate students, written permission of the instructor is required. — 3 credits
0101 (44277) W..... 1:00pm- 3:30pm (ZOP 0124) — Sternheim, C.
Time and room to be arranged Lab

PSYC671 Advanced Topics in Human Learning and Cognitive Psychology; Grade Method: REG/AUD. PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. — 3 credits
0101 (44287) W..... 9:30am-12:00pm (ZOP 1103) — Anderson, N.

PSYC688 Historical Viewpoints and Current Theories in Psychology; Grade Method: REG/AUD. For all non-psychology graduate students, written permission of the instructor is required. — 3 credits
0101 (44297) Th..... 1:00pm- 4:00pm (Arranged) — Fessinger, R.

PSYC702 Multivariate Analysis II; Grade Method: REG/AUD. *Prerequisite: PSYC 701 or permission of department.* For all non-psychology graduate students, written permission of the instructor is required. — 3 credits
0101 (44307) Tu.....12:30pm- 3:30pm (ZOP 1112) — Ogrady, K.

PSYC707 (PermReq) Theory of Decision and Choice; Grade Method: REG/AUD. *Prerequisite: PSYC 602 and permission of department.* For all non-psychology graduate students, written permission of the instructor is required. — 3 credits
0101 (44317) Tu..... 3:30pm- 5:30pm (EGR 3140) — Norman, K.
Time and room to be arranged Dis

PSYC718 Research Issues in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD. For all non-psychology graduate students, written permission of the instructor is required. — 3 credits
0101 (44327) Tu..... 9:00am-12:00pm (ZOP 1103) — Gelso, C.
Time and room to be arranged Dis
0201 (44328) W..... 1:00pm- 4:00pm (ZOP 1103) — Hill, C.
Time and room to be arranged Dis

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD. PSYC majors only. For all non-psychology graduate students, written permission — 3 credits

of the instructor is required.

0101 (44336) Tu..... 1:00pm- 3:30pm (ZOP 3132) Alexander, P.
Time and room to be arranged Dis
0201 (44339) W..... 9:30am-12:00pm (Arranged) Trickett, E.
Time and room to be arranged Dis
0301 (44340) Time and room to be arranged Dies, K.

PSYC722 (PermReq) **Assesment Issues in Clinical/Community Psychology I; Grade Method: REG/AUD.** *Prerequisite: permission of department. Corequisite: PSYC 721.* For all non-psychology graduate students, written permission of the instructor is required. — 2 credits

0101 (44350) Time and room to be arranged Steele, R.
Time and room to be arranged Dis
0201 (44351) M..... 9:00am-12:00pm (ZOP 1112) Van Wagoner, S.

PSYC723 (PermReq) **Assessment Issues in Clinical/Community Psychology II; Grade Method: REG/AUD.** *Prerequisite: permission of department.* PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. — 2 credits

0101 (44361) M..... 9:00am-11:00am (ZOP 2114) Dis Dies, R.

PSYC726 **Behavior Modification: Principles and Practices; Grade Method: REG/AUD.** PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44371) Th..... 9:30am-12:00pm (ZOP 1112) McIntire, R.

PSYC727 **Introductory Counseling Practicum; Grade Method: REG/AUD.** *Prerequisite: PSYC 711; and PSYC 712.* PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44381) M..... 2:00pm- 4:00pm (ZOP 2114) Zamostny, K.
Time and room to be arranged Dis

PSYC728 **Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD.** PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0201 (44391) Time and room to be arranged Dies, R.
0301 (44392) Tu..... 9:00am-11:00am (ZOP 1112) Brown, R.
Time and room to be arranged Dis
0401 (44393) Time and room to be arranged Goodman, L.

PSYC729 **Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD.** PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44403) M..... 2:00pm- 4:00pm (ZOP 2109) Helms, J.
Time and room to be arranged Dis
0201 (44404) Tu..... 1:00pm- 3:30pm (Arranged) STAFF

PSYC731 **Training Procedures and Evaluation in Organizational Settings; Grade Method: REG/AUD.** *Prerequisite: PSYC 730.* For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44414) M..... 1:00pm- 3:30pm (ZOP 1103) Goldstein, I.

PSYC733 **Organizational Psychology; Grade Method: REG/AUD.** *Prerequisite: PSYC 730, PSYC 601; and PSYC 602, or equivalent, or permission of department.* For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44424) Tu..... 1:00pm- 3:30pm (ZOP 2109) STAFF

PSYC737 **Research Methods in Industrial/Organizational Psychology; Grade Method: REG/AUD.** *Prerequisite: PSYC 730 or permission of department. For PSYC majors only.* For all non-psychology students, written permission of the instructor is required. — 3 credits

0101 (44434) M..... 1:00pm- 3:30pm (ZOP 1112) Guzzo, R.

PSYC741 **Attitude Change; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44444) M..... 9:30am-12:00pm (ZOP 3132) Mills, J.

PSYC744 **Multivariate Methods in Social Psychology; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44454) M.....10:30am-12:30pm (ZOP 3132) Aspinwall, L.
Time and room to be arranged Dis

PSYC748 **Seminar in Social Psychology; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44464) Tu..... 1:00pm- 3:30pm (ZOP 3132) Stangor, C.

PSYC749 **Current Research in Social Psychology; Grade Method: REG/AUD.** PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. — 1-3 credits

0101 (44474) M..... 4:00pm- 6:40pm (ZOP 3132) Sigall, H.

PSYC758 **Seminar in Vision; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44484) Th.....12:30pm- 3:00pm (ZOP 1112) Steinman, R.

PSYC759 **Seminar in Auditory Mechanisms; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44494) Th..... 3:00pm- 5:30pm (ZOP 1112) Penner, M.

PSYC763 **Advanced Psychophysiology; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44504) Tu..... 1:00pm- 3:30pm (ZOP 1103) Brauth, S.

PSYC789 **Special Research Problems; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. For all non-psychology graduate students, written permission of the instructor is required. — 1-4 credits

PSYC799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required. — 1-6 credits

PSYC818 **Research Issues in Personality Or Development; Grade Method: REG/AUD.** For all non-psychology graduate students, written permission of the instructor is required. — 3 credits

0101 (44612) Th..... 2:00pm- 4:30pm (ZOP 2283) Johnson, J.

PSYC889 **Research Methods in Psychology; Grade Method: REG/AUD.** PSYC majors only. For all non-psychology graduate students, written permission of the instructor is required. — 1-3 credits

0101 (44622) M..... 4:00pm- 5:30pm (ZOP 1112) Schneider, B.
Time and room to be arranged Dis
0301 (44623) W..... 3:30pm- 5:00pm (ZOP 1112) Anderson, N.
Time and room to be arranged Dis

PSYC899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required. — 1-8 credits

PUAF Public Affairs (Public Affairs)

PUAF800 (PermReq) **Managerial Accounting; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44728) Th..... 7:00pm- 9:30pm (VMH 1107) Silver, S.

PUAF811 (PermReq) **Quantitative Analysis of Policy Issues; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44748) W..... 4:00pm- 6:30pm (VMH 1206) STAFF

PUAF820 (PermReq) **Political Analysis; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0201 (44758) Tu..... 4:00pm- 6:30pm (VMH 1107) Edwards, L.

PUAF840 (PermReq) **Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0201 (44769) Th..... 4:00pm- 6:30pm (VMH 1206) Burtless, G.

PUAF841 (PermReq) **Macroeconomic Theory and Policy Analysis; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44779) Tu..... 4:00pm- 6:30pm (VMH 1206) STAFF

PUAF860 (PermReq) **Policy Workshop; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0201 (44789) M..... 9:15am-11:45am (VMH 1107) Nelson, R.
0301 (44790) W..... 9:15am-11:45am (VMH 1107) Nelson, R.

PUAF870 (PermReq) **Finance; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44800) Th..... 1:30pm- 4:00pm (VMH 1206) Slater, S.

PUAF891 (PermReq) **Conflict, Cooperation and Strategy; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44810) Tu..... 1:30pm- 4:00pm (VMH 1107) Schelling, T.

PUAF898C (PermReq) **Selected Topics in Public Affairs: Strategic Decision-Making; Grade Method: REG/AUD.** — 3 credits

0101 (44830) M..... 1:30pm- 4:00pm (VMH 1109) Turner, S.

PUAF898I (PermReq) **Selected Topics in Public Affairs: Environmental Ethics; Grade Method: REG/AUD.** — 3 credits

0101 (44850) Tu..... 1:30pm- 4:00pm (VMH 1109) Brown, P.

PUAF898K (PermReq) **Selected Topics in Public Affairs: The Theory and Practice of Arms Control; Grade Method: REG/AUD.** — 3 credits

0101 (44860) Th..... 1:30pm- 4:00pm (VMH 1107) Daalder, I.

PUAF898L (PermReq) **Selected Topics in Public Affairs: Health Care Financing; Grade Method: REG/AUD.** — 3 credits

0101 (44870) W..... 7:00pm- 9:30pm (VMH 1107) STAFF

PUAF898M (PermReq) **Selected Topics in Public Affairs: Science, Technology, and Public Policy; Grade Method: REG/AUD.** — 3 credits

0101 (44880) Th..... 4:00pm- 6:30pm (VMH 1109) STAFF

PUAF898O (PermReq) **Selected Topics in Public Affairs: Ecological Economics; Grade Method: REG/AUD.** — 3 credits

0101 (44900) W..... 1:30pm- 4:00pm (VMH 1107) STAFF

PUAF898P (PermReq) **Selected Topics in Public Affairs: Introduction to Social Policy; Grade Method: REG/AUD.** — 3 credits

0101 (44910) M..... 1:30pm- 4:00pm (VMH 1107) Edwards, L.

PUAF898X (PermReq) **Selected Topics in Public Affairs: The Policy Process for Journalists; Grade Method: REG/AUD.** — 3 credits

0101 (44920) M..... 1:00pm- 4:00pm (WDS 0104) Crawford, S.

PUAF705 (PermReq) **U.S. - Japan Relations; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44930) M..... 4:00pm- 6:30pm (VMH 1107) Nacht, M.

PUAF711 (PermReq) **Management Strategies in Public Organizations; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44941) M..... 7:00pm- 9:30pm (VMH 1107) Cronin, A.

PUAF712 (PermReq) **Analysis of Fiscal Conditions; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44951) Tu..... 1:30pm- 4:00pm (VMH 1206) Slater, S.

PUAF716 (PermReq) **State and Local Government Budgeting; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44962) Tu..... 7:00pm- 9:30pm (VMH 1107) Rogers, J.

PUAF717 (PermReq) **Federal Budgeting: Policy and Process; Grade Method: REG/AUD.** *Prerequisite: permission of department. Credit will be granted for only one of the following: PUAF 757 or PUAF 717.* — 3 credits

0101 (44972) W..... 4:00pm- 6:30pm (VMH 1107) Schick, A.

PUAF730 (PermReq) **American Living Standards; Grade Method: REG/AUD.** *Prerequisite: permission of department. Also offered as ECON 476.* — 3 credits

0101 (44982) M..... 4:00pm- 6:30pm (VMH 1109) STAFF

PUAF731 (PermReq) **Implementation of Domestic Social Policy; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (44992) Th..... 4:00pm- 6:30pm (VMH 1107) Besharov, D.

PUAF740 (PermReq) **Public Policy and the Environment; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (45002) Tu..... 4:00pm- 6:30pm (VMH 1109) Dubrowski, F.

PUAF754 (PermReq) **Operations Research Methods for Policy Analysts; Grade Method: REG/AUD.** *Prerequisites: PUAF 610; and PUAF 611; and permission of department.* — 3 credits

0101 (45022) W..... 4:00pm- 6:30pm (VMH 1109) STAFF

PUAF780 (PermReq) **The American Foreign Policy-Making Process; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (45032) TuTh.....10:30am-12:00pm (VMH 1107) Destler, I.
0201 (45033) W..... 1:30pm- 4:00pm (VMH 1109) Destler, I.

PUAF790 (PermReq) **Project Course; Grade Method: REG/AUD.** *Prerequisite: permission of department.* — 3 credits

0101 (45043) M.....12:00pm- 1:30pm (VMH 1107) Badgett, M.
Time and room to be arranged Lab
0201 (45044) Th.....12:00pm- 1:30pm (VMH 1107) Daalder, I.
Time and room to be arranged Lab
0301 (45045) Tu.....12:00pm- 1:30pm (VMH 1107) Rogers, J.
Time and room to be arranged Lab
0401 (45046) M.....12:00pm- 1:30pm (VMH 1107) Brown, P.
Time and room to be arranged Lab
0501 (45047) Tu.....12:00pm- 1:30pm (VMH 1109) Reuter, P.
Time and room to be arranged Lab

PUAF798B (PermReq) **Readings in Public Policy; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PUAF798R (PermReq) **Readings in Public Policy: Research Methods and Public Policy; Grade Method: REG/AUD.** Prerequisite: PhD candidacy or permission of department. — 1-2 credits

0201 (45069) Th.....12:00pm- 2:00pm (VMH 1109) Young, H.

PUAF899 (PermReq) **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

RECR Recreation (Health and Human Performance)

RECR300 (PermReq) **Senior Seminar; Grade Method: REG.** *Prerequisite: permission of department.* — 1 credit

0101 (45140) Tu.....12:30pm- 1:45pm (HHP 1302) Dis Annand, V.

RECR410 **Measurement and Evaluation in Recreation; Grade Method: REG/P-F/AUD.** *Prerequisite: RECR 130; or permission of department.* At least 56 credits earned. — 3 credits

0101 (45150) TuTh.....11:00am-12:15pm (HHP 1302) Drogin, E.

RECR432 **Philosophy of Recreation; Grade Method: REG/P-F/AUD.** At least 56 credits earned. — 3 credits

0101 (45160) M..... 4:00pm- 6:30pm (HHP 1301) Churchill, J.

RECR463 **Supervisory Techniques in Recreation; Grade Method: REG/P-F/AUD.** *Prerequisite: RECR 130; or RECR 325; or RECR 335.* — 3 credits

0101 (45170) TuTh..... 2:00pm- 3:15pm (HHP 0302) Cunningham, M.

RECR489 (PermReq) **Field Laboratory Projects and Workshop; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. — 1-6 credits

RECR490 **Organization and Administration of Recreation; Grade Method: REG/P-F/AUD.** At least 56 credits earned. — 3 credits

0101 (45184) W..... 4:00pm- 6:30pm (HHP 0305) Churchill, J.

RECR688 (PermReq) **Special Problems in Recreation; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. Graduate students only. Must have consent of instructor prior to registration. — 1-6 credits

RECR688D **Special Problems in Recreation: Applied Research and Statistics; Grade Method: REG.** Class meets first 5 weeks. — 1 credit

0101 (45199) Meets 01/18/94-02/15/94 Drogin, E.
Tu..... 7:00pm- 9:30pm (HHP 0305)

RECR688E **Special Problems in Recreation; Grade Method: REG.** Class meets second 5 weeks. — 1 credit

0101 (45209) Meets 02/22/94-03/22/94 Patrick, G.
Tu..... 7:00pm- 9:30pm (HHP 0305)

RECR688Q **Special Problems in Recreation: Advanced Social Psychology of Leisure; Grade Method: REG/AUD.** — 3 credits

0101 (45219) M..... 4:00pm- 6:30pm (HHP 0305) Iso-Ahola, S.

RECR799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

RECR899 **Doctoral Dissertation Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

RTVF Radio Television and Film (Arts and Humanities)

RTVF321 **Close Analysis of Media; Grade Method: REG.** *Prerequisites: RTVF 212, and RTVF 213, and RTVF 214 with a grade of C or better in each. For RTVF majors only.* — 3 credits

0101 (45298) TuTh..... 9:30am-10:45am (TWS 0135) Mashon, K.

RTVF327 **Broadcast Processes and Effects; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 212, and RTVF 213, and RTVF 214 with a grade of C or better in each. For RTVF majors only. Credit will be granted for only one of the following: RTVF 327 or RTVF 347. Formerly RTVF 347.* — 3 credits

0101 (45308) TuTh.....11:00am-12:15pm (JRN 1105) Ferguson, M.

RTVF384 (PermReq) **Field Work Experience; Grade Method: S-F.** Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department and 18 RTVF credits and 2.8 GPA. Corequisite: RTVF 385 at same credit level. Senior standing. For RTVF majors only.* Applications must be approved prior to registration. Grading satisfactory/fail only. — 1-3 credits

RTVF385 (PermReq) **Field Work Analysis; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department and 18 RTVF credits and 2.8 GPA. Corequisite: RTVF 384 at the same credit level. Senior standing. For RTVF majors only.* Applications must be approved prior to registration. — 1-3 credits

RTVF407 (PermReq) **Television Workshop; Grade Method: REG/P-F/AUD.** *Prerequisite: permission of department. For RTVF majors only. Formerly RTVF 449.* — 3 credits

0101 (45325) TuTh..... 2:00pm- 3:15pm (TWS 0138) Bello, A.

RTVF432 **Structure and Criticism of Television Advertising; Grade Method: REG/P-F/AUD.** *Prerequisites: RTVF 317; and (RTVF 321 or RTVF 342). For RTVF majors only. Credit will be granted for only one of the following: RTVF 432 or RTVF 456. Formerly RTVF 456.* — 3 credits

0101 (45335) TuTh..... 9:30am-10:45am (TWS 0147) Robinson, E.

RTVF445 **Television and Politics; Grade Method: REG/P-F/AUD.** *Prerequisite: RTVF 321 or RTVF 327 or RTVF 342. For RTVF majors only. Credit will be granted for only one of the following: RTVF 445 or RTVF 425. Formerly RTVF 425.* — 3 credits

0101 (45345) TuTh..... 2:00pm- 3:15pm (JRN 1105) Ferguson, M.

RTVF451 **Broadcast Criticism; Grade Method: REG/P-F/AUD.** *Prerequisite: RTVF 321 or RTVF 342. For RTVF majors only.* — 3 credits

0101 (45355) MWF.....11:00am-11:50am (TWS 0138) Kirkley, D.

RTVF498D **Seminar: Producing and Directing the Documentary; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (45365) TuTh.....11:00am-12:15pm (TWS 0138) Weiss, G.

RTVF498F **Seminar: Film, Food and Politics; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (45375) TuTh..... 1:00pm- 3:00pm (TWS 2154) Robinson, E.

RTVF498W **Seminar: The Television Western; Grade Method: REG/P-F/AUD.** — 3 credits

0101 (45385) MW..... 2:00pm- 4:00pm (TWS 0131) Kirkley, D.

RTVF499 **Independent Study; Grade Method: REG/P-F/AUD.** Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

RTVF829D **Special Problems in Film: Producing and Directing the Documentary; Grade Method: REG/AUD.** — 3 credits

0101 (45409) TuTh.....11:00am-12:15pm (TWS 0138) Weiss, G.

RTVF899 (PermReq) **Independent Study; Grade Method: REG/AUD.** Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. — 1-3 credits

RTVF799 **Master's Thesis Research; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

RTVF888 **Doctoral Practicum; Grade Method: REG.** Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

RTVF889 **Doctoral Tutorial: Doctoral Tutorial in Radio Television Film; Grade Method: REG.** Individual — 3-8 credits

Instruction course: contact department or instructor to obtain section number.

RTVF899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

RUSS Russian (Arts and Humanities)

RUSS102 Elementary Russian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: RUSS 101. Not open to native speakers of Russian.* Course chairman: K. Ogorodnikova. 5 credits

0101 (45537) MWF.....12:00pm-12:50pm (JMZ 2102) Ogorodnikova, K
TuTh.....12:30pm- 1:45pm (JMZ 3203)
0102 (45538) MWF..... 1:00pm- 1:50pm (JMZ 1224) Ogorodnikova, K
TuTh.....12:30pm- 1:45pm (JMZ 1104)
0201 (45539) MWF.....10:00am-10:50am (JMZ 1226) Ogorodnikova, K
TuTh..... 9:30am-10:45am (JMZ 2102)
0202 (45540) MWF.....11:00am-11:50am (JMZ 3205) Ogorodnikova, K
TuTh..... 9:30am-10:45am (JMZ 1122)

RUSS202 Intermediate Russian II; Grade Method: REG/P-F/AUD. *Prerequisite: RUSS 201. Not open to native speakers of Russian.* Course chairman: C. Martin. 4 credits

0101 (45550) MWF.....11:00am-11:50am (HJP 1229) Martin, C.
TuTh.....11:00am-11:50am (JMZ 3203)
0201 (45551) MWF.....10:00am-10:50am (ARM 0119) Martin, C.
TuTh.....10:00am-10:50am (JMZ 3203)
0301 (45552) MWF.....12:00pm-12:50pm (JMZ 3205) Martin, C.
TuTh.....12:00pm-12:50pm (JMZ 1122)

RUSS281 Russian Language and Pre-Revolutionary Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A: Cultural and Historical Course. *Not open to native speakers of Russian.* 3 credits

0101 (45562) TuTh..... 2:00pm- 3:15pm (JMZ 2125) Berry, T.

RUSS302 Advanced Russian II; Grade Method: REG/P-F/AUD. *Prerequisite: RUSS 301.* 3 credits

0101 (45572) MWF.....11:00am-11:50am (COL 3111) STAFF
0201 (45573) MWF.....11:00am-11:50am (JMZ 3203) STAFF

RUSS322 Survey of Russian Literature II; Grade Method: REG/P-F/AUD. *Prerequisite: RUSS 321 or equivalent.* 3 credits

0101 (45583) MWF..... 1:00pm- 1:50pm (JMZ 0103) Martin, C.

RUSS328B 19th Century Russian Literature in Translation: From Dostoevsky to Chekhov; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits

0101 (45593) Tu..... 3:30pm- 6:00pm (JMZ 2207) STAFF

RUSS382 Russian Civilization (in Russian) II; Grade Method: REG/P-F/AUD. *Prerequisite: RUSS 202.* 3 credits

0101 (45603) TuTh.....12:30pm- 1:45pm (JMZ 0220) Hitchcock, D.

RUSS386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3 credits

RUSS402 Practicum in Written Russian; Grade Method: REG/P-F/AUD. *Prerequisite: RUSS 401 or equivalent.* 3 credits

0101 (45620) MWF..... 2:00pm- 2:50pm (JMZ 2123) STAFF

RUSS404 Practicum in Spoken Russian; Grade Method: REG/P-F/AUD. *Prerequisite: RUSS 403 or equivalent.* 3 credits

0101 (45630) MWF..... 3:00pm- 3:50pm (JMZ 2206) STAFF

RUSS412 Linguistic Analysis of Russian II; Grade Method: REG/P-F/AUD. *Prerequisite: RUSS 411.* 3 credits

0101 (45640) MWF..... 1:00pm- 1:50pm (JMZ 1124) STAFF

RUSS431 Russian Literature of the 19th Century I; Grade Method: REG/P-F/AUD. 3 credits

0101 (45650) TuTh.....12:30pm- 1:45pm (JMZ 3205) Berry, T.

RUSS812 Problems in Russian Syntax; Grade Method: REG/AUD. *Prerequisite: RUSS 412 or permission of department.* 3 credits

0101 (45660) Tu..... 4:00pm- 6:30pm (JMZ 0204) Ogorodnikova, K

RUSS813 Problems in Russian Semantics; Grade Method: REG/AUD. *Prerequisite: RUSS 412 or permission of department.* 3 credits

0101 (45670) M..... 5:00pm- 7:30pm (JMZ 3203) Brecht, R.

RUSS798 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

0101- Berry, Thomas: 0201- Brecht, Richard: 0301- Glad, John: 0401- Hitchcock, Donald: 0501- Lekic, Maria: 0601- Martin, Cynthia, 0701- Ogorodnikova, Kira.

RUSS798C Independent Study: Russian Communication; Grade Method: REG/AUD. 1-3 credits

0101 (45688) W..... 5:00pm- 7:00pm (JMZ 3205) STAFF
Time and room to be arranged Dis

RUSS799 Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SLAV Slavic (Arts and Humanities)

SLAV479 Selected Topics in Slavic Linguistics; Grade Method: REG/P-F/AUD. 3 credits

0101 (45755) TuTh..... 2:00pm- 3:15pm (JMZ 1124) Hitchcock, D.

SLAV499 Directed Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SOCY Sociology (Behavioral and Social Sciences)

SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Serves as a prerequisite for other sociology courses. 3 credits

0101 (45822) MWF..... 9:00am- 9:50am (COL 3109) STAFF
0201 (45823) MWF.....10:00am-10:50am (ASY 1213) STAFF
0301 (45824) TuTh.....11:00am-12:15pm (ASY 3207) Kammeyer, K.
0401 (45825) TuTh.....12:30pm- 1:45pm (ASY 2309) STAFF
0501 (45826) MWF.....11:00am-11:50am (ASY 2309) Hunt, L.
0601 (45827) MWF..... 3:00pm- 3:50pm (ASY 1213) STAFF
0701 (45828) TuTh..... 3:30pm- 4:45pm (ASY 1213) STAFF

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Serves as prerequisite for other SOCY courses. 3 credits

0101 (45838) MWF..... 9:00am- 9:50am (ASY 3207) STAFF
0201 (45839) MWF.....11:00am-11:50am (ASY 3207) STAFF
0301 (45840) TuTh.....12:30pm- 1:45pm (ASY 1213) Finsterbusch, K
0401 (45841) TuTh.....11:00am-12:15pm (ASY 1213) Zamani-Moghadam
0501 (45842) MWF..... 2:00pm- 2:50pm (ASY 3211) STAFF

SOCY105H (PermReq) Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits

0101 (45852) TuTh..... 9:30am-10:45am (ARC 1125) Hunt, J.

SOCY108H (PermReq) Honors Seminar: World Population Growth; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. 3 credits

0101 (45862) TuTh..... 2:00pm- 3:15pm (ASY 3217) Kahn, J.

SOCY201 Introductory Statistics for Sociology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: SOCY 100 and MATH 111 or equivalent. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* 4 credits

0101 (45872) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M..... 6:00am- 9:50am (ASY 3217) Dis
0102 (45873) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M..... 6:00am- 9:50am (ASY 3221) Dis
0103 (45874) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M.....11:00am-12:50pm (ASY 3217) Dis
0104 (45875) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M.....11:00am-12:50pm (ASY 3221) Dis
0105 (45876) TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A.
M..... 1:00pm- 2:50pm (ASY 3217) Dis
0201 (45877) TuTh..... 2:00pm- 3:15pm (ASY 2309) Henkel, R.
W..... 6:00am- 9:50am (ASY 3221) Dis
0203 (45878) TuTh..... 2:00pm- 3:15pm (ASY 2309) Henkel, R.
W.....11:00am-12:50pm (ASY 3217) Dis
0205 (45879) TuTh..... 2:00pm- 3:15pm (ASY 2309) Henkel, R.
W..... 1:00pm- 2:50pm (ASY 3217) Dis

SOCY202 Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD. *Prerequisite: SOCY 201.* 4 credits

0101 (45889) MWF..... 1:00pm- 1:50pm (ASY 2203) Harper, G.
F..... 6:00am- 9:50am (ASY 3217) Dis
0102 (45890) MWF..... 1:00pm- 1:50pm (ASY 2203) Harper, G.
Th..... 6:00am- 9:50am (ASY 3221) Dis
0103 (45891) MWF..... 1:00pm- 1:50pm (ASY 2203) Harper, G.
F.....11:00am-12:50pm (ASY 3217) Dis
0104 (45892) MWF..... 1:00pm- 1:50pm (ASY 2203) Harper, G.
Th.....11:00am-12:50pm (EDU 1107) Dis
0105 (45893) MWF..... 1:00pm- 1:50pm (ASY 2203) Harper, G.
F..... 2:00pm- 3:50pm (ASY 3217) Dis

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD. *Prerequisite: SOCY 100.* Required for all SOCY majors. 3 credits

0101 (45903) TuTh..... 9:30am-10:45am (ASY 1213) Ritzer, G.

SOCY227 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Credit will be granted for only one of the following: SOCY 227 or SOCY 327. Formerly SOCY 327.* 3 credits

0101 (45913) TuTh..... 8:00am- 9:15am (ASY 3207) Baxter, S.
0201 (45914) TuTh..... 9:30am-10:45am (ASY 3203) Baxter, S.

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. No prerequisites. 3 credits

0101 (45924) TuTh.....11:00am-12:15pm (COL 3109) STAFF

SOCY241 Inequality in American Society; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. *Credit will be granted for only one of the following: SOCY 241 or SOCY 341. Formerly SOCY 341.* 3 credits

0101 (45934) TuTh.....12:30pm- 1:45pm (ASY 3203) Pease, J.

SOCY300 American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. Junior standing required; no other prerequisites. 3 credits

0101 (45944) TuTh..... 2:00pm- 3:15pm (ASY 3203) Vanneman, R.

SOCY305 Scarcity and Modern Society; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: 3 credits of sociology.* 3 credits

0101 (45954) TuTh..... 2:00pm- 3:15pm (ASY 1213) Finsterbusch, K
0201 (45955) MWF..... 1:00pm- 1:50pm (ASY 1213) Santa-Barbara,

SOCY325 The Sociology of Gender; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: 3 credits of sociology.* 3 credits

0101 (45965) TuTh..... 3:30pm- 4:45pm (ASY 3207) Hunt, J.
0201 (45966) TuTh.....11:00am-12:15pm (ASY 3203) Malhotra, A.
0301 (45967) MWF.....10:00am-10:50am (ASY 3203) STAFF
0401 (45968) TuTh.....11:00am-12:15pm (ARC 1105) STAFF

SOCY380 (PermReq) Honors Independent Reading in Sociology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. Formerly SOCY 378.* 3 credits

SOCY381 (PermReq) Honors Independent Research in Sociology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 380. Formerly SOCY 388.* 3 credits

SOCY383 (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 381. Formerly SOCY 389.* 3 credits

SOCY386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. 3-6 credits

SOCY398A Special Topics in Sociology: Solutions to Violence; Grade Method: REG/P-F/AUD. 3 credits

0101 (46008) M..... 6:00pm- 8:40pm (ASY 2309) McCarthy, C.

SOCY398C Special Topics in Sociology: Introduction to Computers for Social Scientists: SAS; Grade Method: REG/P-F/AUD. 1 credit

0101 (46018) Tu..... 2:00pm- 3:00pm (ASY 1116) Neustadtl, A.

SOCY398M Special Topics in Sociology: McDonaldization of Society; Grade Method: REG/P-F/AUD. 3 credits

0101 (46028) TuTh.....12:30pm- 1:45pm (ANA 0120) Ritzer, G.

SOCY399 (PermReq) Independent Study in Sociology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. No more than 6 hours of 399 is allowed for credit. 1-6 credits

SOCY402 Intermediate Procedures For Data Collection; Grade Method: REG/P-F/AUD. *Prerequisite: SOCY 202 or equivalent or permission of department.* See department for non-standard times. 3 credits

0101 (46065) TuTh..... 2:00pm- 4:40pm (TWS 0147) Robinson, J.

SOCY404 Methods of Quantitative Analysis; Grade Method: REG/P-F/AUD. *Prerequisite: (SOCY 202 or equivalent) or permission of department.* 4 credits

0101 (46075) TuTh.....11:00am-12:15pm (ASY 3221) Henkel, R.
Tu..... 1:00pm- 2:50pm (ASY 3221) Lab

SOCY410 Social Demography; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: 6 credits of sociology or permission of department.* 3 credits

0101 (46085) TuTh..... 2:00pm- 3:15pm (ASY 3207) Kammeyer, K.

SOCY411 Demographic Techniques; Grade Method: REG/P-F/AUD. *Prerequisite: SOCY 201 or equivalent and SOCY 410 or permission of department.* 3 credits

0101 (46095) TuTh.....11:00am-12:15pm (ASY 3217) Kahn, J.

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: 6 credits of sociology or permission of department.* 3 credits

0101 (46105) MWF.....12:00pm-12:50pm (ASY 3203) Schubert, J.
0201 (46106) MWF..... 2:00pm- 2:50pm (ASY 3203) Schubert, J.

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.* 3 credits

0101 (46116) MWF..... 2:00pm- 2:50pm (ASY 3207) Hunt, L.

SOCY441 Social Stratification and Inequality; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: 6 credits of sociology or permission of department. 56 semester hours. Junior standing. Credit will be granted for only one of the following: SOCY 241 or SOCY 441.* 3 credits

0101 (46126) TuTh..... 3:30pm- 4:45pm (ASY 3203) Pease, J.
0201 (46127) MWF..... 1:00pm- 1:50pm (ASY 3203) Landry, L.

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.* 3 credits

0201 (46137) MWF..... 9:00am- 9:50am (ASY 3203) Harper, G.

SOCY447 Small Group Analysis; Grade Method: REG/P-F/AUD. *Prerequisite: SOCY 201 or equivalent or permission of department.* 3 credits

0101 (46147) MWF.....11:00am-11:50am (ASY 3203) Meeker, B.

SOCY484 Military Sociology; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. *Prerequisite: 6 credits of sociology or permission of department.* 3 credits

0101 (46157) MWF..... 1:00pm- 1:50pm (ASY 3207) Segal, D.

SOCY488K Selected Topics in Sociology: The Sociology of Knowledge; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits

0101 (46167) MWF.....12:00pm-12:50pm (ASY 3207) Brown, R.

SOCY488L Selected Topics in Sociology: Social Change in Latin America; Grade Method: REG/P-F/AUD. 3 credits

0101 (46177) MW..... 3:00pm- 4:15pm (ASY 3207) Korzeniewicz, R

SOCY488M Selected Topics in Sociology: Military Families; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course. 3 credits

0101 (46188) Tu..... 3:30pm- 6:10pm (ASY 3215) Segal, M.

SOCY602 Intermediate Procedures of Data Analysis; Grade Method: REG/AUD. *Prerequisite: undergraduate training in sociology research methods, statistics, and theory of equivalent.* 3 credits

0101 (46253) Tu..... 6:30pm- 9:00pm (ASY 3219) Neustadtl, A.

SOCY605 Methods of Program Evaluation; Grade Method: REG/AUD. *Prerequisite: SOCY 202 or equivalent or permission of instructor.* 3 credits

0101 (46263) M..... 3:30pm- 6:10pm (ASY 2115) Segal, D.

SOCY621 Contemporary Sociological Theory; Grade Method: REG/AUD. *Prerequisite: SOCY 203 or equivalent or permission of instructor.* 3 credits

0101 (46273) M..... 3:30pm- 6:10pm (ASY 4111) STAFF

SOCY634 Attitudes and Public Opinion; Grade Method: REG/AUD. See department for non-standard times. 3 credits

0101 (46283) MW..... 3:30pm- 6:10pm (ASY 3217) Robinson, J.

SOCY644 Gender, Work, and Family; Grade Method: REG/AUD. 3 credits

0101 (46293) Th..... 6:30pm- 9:10pm (ASY 4111) Bianchi, S.

SOCY699 Special Social Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SOCY699C Special Social Problems: Introduction to Computers for Social Science Majors: SAS; Grade Method: REG/AUD. 1 credit

0101 (46335) Tu..... 2:00pm- 3:00pm (ASY 1116) Neustadtl, A.

SOCY699M Special Social Problems: Migration and the Labor Force; Grade Method: REG/AUD. 3 credits

0101 (46345) Th..... 3:30pm- 6:10pm (ASY 4111) Malhotra, A.

SOCY699P Special Social Problems: Post-Modern Theory; Grade Method: REG/AUD. 3 credits

0101 (46355) W..... 6:30pm- 9:30pm (ASY 2115) Brown, R.

SOCY699S Special Social Problems: Stratification II; Grade Method: REG/AUD. 3 credits

0101 (46365) Tu..... 3:30pm- 6:10pm (ASY 4111) Vanneman, R.

SOCY699U Special Social Problems: Political Sociology; Grade Method: REG/AUD. 3 credits

0101 (46375) M..... 6:30pm- 9:10pm (ASY 4111) Korzeniewicz, R

SOCY701 Issues in the Integration of Theory and Method; Grade Method: REG/AUD. *Prerequisite: SOCY 401 or equivalent and at least two of the following: SOCY 402, SOCY 604, SOCY 605, SOCY 606, SOCY 607, SOCY 609, SOCY 702 or permission of instructor.* 3 credits

0101 (46385) M..... 6:30pm- 9:10pm (ASY 2115) Meeker, B.

SOCY759 Advanced Special Topics in Sociology of the Family: The Military Family; Grade Method: REG/AUD. 3 credits

0101 (46395) Tu..... 3:30pm- 6:10pm (ASY 3215) Segal, M.

SOCY789 Advanced Special Topics in Social Stratification: Gender and Labor; Grade Method: REG/AUD. 3 credits

0101 (46405) M..... 3:30pm- 6:10pm (ASY 4111) Landry, L.

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SOCY819 Research Seminar in Social Psychology; Grade Method: REG/AUD. 1 credit

0101 (46448) Time and room to be arranged Meeker, B.

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD. 1 credit

0101 (46458) Time and room to be arranged Brown, R.

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD. 1 credit

0101 (46468) Time and room to be arranged Hage, J.

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD. 1 credit

0101 (46478) Time and room to be arranged Presser, H.

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD. 1 credit

0101 (46488) Time and room to be arranged Hunt, J.

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD. 1 credit

0101 (46498) Time and room to be arranged Kammeyer, K.

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD. 1 credit

0101 (46508) Time and room to be arranged Segal, D.

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD. 1 credit

0101 (46518) Time and room to be arranged Landry, L.

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, 102,

102H, 103, 203, 203H will be scheduled after classes start.

SPAN101 Elementary Spanish I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: No previous Spanish: high school level 1 Spanish with grade of A or B; high school level 2 Spanish with a grade of C or below. Not open to native/fluent speakers of Spanish.* Students must present their high school transcript on the first day of class to assure proper placement. Exceptions will be granted for students with 5 years' lapse in study. For advising assistance, come to JMZ 2202. — 4 credits

0101 (46608) MTuWF..... 8:00am- 8:50am (JMZ 1224) STAFF
0201 (46609) MTuWF..... 9:00am- 9:50am (JMZ 1224) STAFF
0301 (46610) MTuWF.....10:00am-10:50am (JMZ 1224) STAFF
0401 (46611) MTuWF.....11:00am-11:50am (JMZ 1224) STAFF
0501 (46612) MTuWF.....12:00pm-12:50pm (JMZ 1224) STAFF
0601 (46613) MTuWF..... 1:00pm- 1:50pm (JMZ 1226) STAFF
0701 (46614) MTuWF..... 2:00pm- 2:50pm (JMZ 1224) STAFF

SPAN102 Elementary Spanish II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 101 at UMCP or equivalent. Not open to native/fluent speakers of Spanish.* Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. — 4 credits

0201 (46624) MWThF..... 9:00am- 9:50am (JMZ 0208) STAFF
0301 (46625) MWThF.....10:00am-10:50am (JMZ 0208) STAFF
0401 (46626) MWThF.....11:00am-11:50am (JMZ 0208) STAFF
0501 (46627) MWThF.....12:00pm-12:50pm (JMZ 0208) STAFF
0601 (46628) MWThF..... 1:00pm- 1:50pm (JMZ 0208) STAFF
0701 (46629) MWThF..... 2:00pm- 2:50pm (JMZ 1226) STAFF

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Not open to students who have completed higher level Spanish language classes.* Limited exceptions may be granted for students with weak preparation or several years' lapse since the study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. — 4 credits

0101 (46639) MWThF..... 9:00am- 9:50am (JMZ 1117) STAFF
0201 (46640) MWThF.....10:00am-10:50am (JMZ 2207) STAFF
0301 (46641) MWThF.....11:00am-11:50am (JMZ 1103) STAFF
0401 (46642) MWThF.....12:00pm-12:50pm (JMZ 1117) STAFF
0501 (46643) MWThF..... 1:00pm- 1:50pm (JMZ 1117) STAFF

SPAN201 Intermediate Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 102 or SPAN 103 at UMCP or high school level 3 Spanish with a grade of A or B or high school level 4 Spanish with a C or below. Not open to native/fluent speakers of Spanish. Formerly SPAN 203.* Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. — 4 credits

0101 (46653) MTuWF..... 8:00am- 8:50am (JMZ 1215) STAFF
0201 (46654) MTuWF..... 9:00am- 9:50am (JMZ 2207) STAFF
0301 (46655) MTuWF.....10:00am-10:50am (JMZ 1117) STAFF
0401 (46656) MTuWF.....11:00am-11:50am (JMZ 1117) STAFF
0501 (46657) MWF.....12:00pm-12:50pm (JMZ 0116) STAFF
Tu.....12:00pm-12:50pm (JMZ 0208)
0601 (46658) MTuWF.....12:00pm-12:50pm (JMZ 1226) STAFF
0701 (46659) MWF..... 1:00pm- 1:50pm (JMZ 1120) STAFF
Tu..... 1:00pm- 1:50pm (JMZ 1117)
0801 (46660) MTuWF..... 2:00pm- 2:50pm (JMZ 1215) STAFF

SPAN202 Intermediate Grammar and Composition; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 201 or high school level 4 or 5 with a grade of A or B or permission of department. Corequisite: SPAN 207 and/or SPAN 211. Not open to native/fluent speakers of Spanish. Formerly SPAN 204.* — 3 credits

0101 (46670) MWF..... 9:00am- 9:50am (JMZ 1226) STAFF
0201 (46671) MWF.....10:00am-10:50am (JMZ 1122) STAFF
0301 (46672) MWF.....12:00pm-12:50pm (HZF 1108) STAFF
0401 (46673) MWF..... 1:00pm- 1:50pm (JMZ 1104) STAFF

SPAN206 Review of Oral and Written Spanish for Native Speakers Educated in the United States; Grade Method: REG/P-F/AUD. *Prerequisite: native or near native knowledge of oral Spanish and no formal education in Spanish.* — 3 credits

0101 (46683) MWF.....11:00am-11:50am (JMZ 1215) STAFF

SPAN207 Reading and Writing in Spanish; Grade Method: REG/P-F/AUD. *Prerequisites: SPAN 201. Pre- or corequisite: SPAN 202, or permission of department.* — 3 credits

0101 (46693) MWF.....10:00am-10:50am (JMZ 1104) Little, K.
0201 (46694) MWF.....11:00am-11:50am (JMZ 1226) Little, K.

SPAN211 Intermediate Conversation; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 201 or permission of department. Not open to native/fluent speakers of Spanish. Formerly SPAN 205.* — 3 credits

0101 (46704) MWF.....10:00am-10:50am (JMZ 1103) STAFF
0201 (46705) MWF.....11:00am-11:50am (JMZ 1120) STAFF
0301 (46706) MWF.....12:00pm-12:50pm (JMZ 1109) STAFF
0401 (46707) MWF..... 1:00pm- 1:50pm (HZF 1108) STAFF

SPAN221 Introduction to Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: Spanish high school level 5 or above or SPAN 202 or permission of department.* — 3 credits

0101 (46717) TuTh..... 9:30am-10:45am (JMZ 1120) STAFF
0201 (46718) TuTh.....11:00am-12:15pm (JMZ 1104) Benito-Vessels,

SPAN222 Cultural Diversity in Contemporary Latin-American Culture; Grade Method: REG/P-F/AUD. — 3 credits

0101 (46728) TuTh..... 2:00pm- 3:15pm (JMZ 0208) Rabasa, J.

SPAN224 Violence and Resistance in the Americas; Grade Method: REG. CORE Distributive Studies Literature Course. CORE Cultural Diversity Course. — 3 credits

0101 (46738) TuTh..... 9:30am-10:45am (JMZ 0105) STAFF
0201 (46739) TuTh.....11:00am-12:15pm (JMZ 0105) STAFF

SPAN301 Advanced Grammar and Composition I; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 202. Recommended: SPAN 207.* — 3 credits

0101 (46749) MWF.....12:00pm-12:50pm (JMZ 1120) STAFF
0201 (46750) MWF..... 1:00pm- 1:50pm (JMZ 2207) STAFF
0301 (46751) MWF..... 2:00pm- 2:50pm (JMZ 1117) STAFF

SPAN302 Advanced Grammar and Composition II; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 301.* — 3 credits

0101 (46761) MWF.....12:00pm-12:50pm (JMZ 1103) STAFF
0201 (46762) MWF..... 1:00pm- 1:50pm (JMZ 0120) STAFF

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 202 or SPAN 211 or permission of department. Not open to native/fluent speakers of Spanish.* — 3 credits

0101 (46772) MWF..... 9:00am- 9:50am (JMZ 1103) STAFF
0201 (46773) MWF.....10:00am-10:50am (JMZ 1211) STAFF
0301 (46774) MWF.....11:00am-11:50am (JMZ 1211) STAFF

SPAN312 Advanced Conversation II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisites: SPAN 202 and SPAN 211 or SPAN 311 or permission of department. Not open to native/fluent speakers of Spanish.* — 3 credits

0101 (46784) MWF..... 2:00pm- 2:50pm (JMZ 1104) STAFF

SPAN317 Practicum in Translation II; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 316 or permission of department.* — 3 credits

0101 (46794) TuTh..... 9:30am-10:45am (ARM 0116) STAFF
0201 (46795) TuTh.....11:00am-12:15pm (JMZ 1120) STAFF
0301 (46796) TuTh.....12:30pm- 1:45pm (HZF 1108) STAFF

SPAN322 Survey of Spanish Literature II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: SPAN 301 or permission of department.* — 3 credits

0101 (46806) MWF.....10:00am-10:50am (JMZ 1215) STAFF

SPAN324 Survey of Latin-American Literature II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. *Prerequisite: SPAN 301 or permission of department.* — 3 credits

0101 (46816) TuTh..... 9:30am-10:45am (JMZ 1215) Sanjines, J.
0201 (46817) MWF.....11:00am-11:50am (JMZ 2207) STAFF

SPAN326 Spanish Civilization II; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* — 3 credits

0101 (46827) MWF..... 2:00pm- 2:50pm (JMZ 1103) Naharro-Caldero

SPAN347 Latin American Civilization II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A: Cultural and Historical Course. *Prerequisite: SPAN 301 or permission of department.* — 3 credits

0101 (46837) TuTh..... 2:00pm- 3:15pm (JMZ 0220) Sanjines, J.

SPAN357 Practicum in Translation IV; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 356 or permission of department.* — 3 credits

0101 (46847) TuTh.....12:30pm- 1:45pm (JMZ 2207) STAFF

SPAN386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* — 3-6 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. — 1-3 credits

SPAN408 Great Themes of the Hispanic Literatures: La Literatura Fantastica; Grade Method: REG/P-F/AUD. — 3 credits

0101 (46879) TuTh..... 9:30am-10:45am (JMZ 1226) Nemes, G.

SPAN408A Great Themes of the Hispanic Literatures: The Andes: Cultures in Context; Grade Method: REG/P-F/AUD. — 3 credits

0101 (46889) TuTh..... 2:00pm- 3:15pm (JMZ 1117) Harrison, R.

SPAN408B Great Themes of the Hispanic Literatures: Visions of Excess in Andean Culture; Grade Method: REG/P-F/AUD. — 3 credits

0101 (46899) TuTh.....11:00am-12:15pm (JMZ 2207) Sanjines, J.

SPAN409 Great Themes of the Hispanic Literatures: Perception and Representation of the Other in 15th and 16th Century Europe; Grade Method: REG/P-F/AUD. — 3 credits

0101 (46909) TuTh.....12:30pm- 1:45pm (JMZ 1120) Benito-Vessels,

SPAN415 Commercial Spanish II; Grade Method: REG/P-F/AUD. *Prerequisite: SPAN 315 or permission of department. Sophomore standing.* — 3 credits

0101 (46919) MWF.....11:00am-11:50am (JMZ 1109) STAFF
0201 (46920) MWF.....12:00pm-12:50pm (JMZ 1215) STAFF

SPAN422 Cross-Cultural Communication; Grade Method: REG/P-F/AUD. *Prerequisite: (SPAN 325 and SPAN 326) or (SPAN 346 and SPAN 347) or permission of department. Junior standing.* — 3 credits

0101 (46930) MWF..... 1:00pm- 1:50pm (JMZ 1103) STAFF

SPAN461 The Generation of 1898 and Its Successors; Grade Method: REG/P-F/AUD. — 3 credits

0101 (46940) MWF..... 1:00pm- 1:50pm (COL 3111) Naharro-Caldero

SPAN462 Twentieth Century Drama; Grade Method: REG/P-F/AUD. — 3 credits

0101 (46950) TuTh.....11:00am-12:15pm (JMZ 2123) Cypess, S.

SPAN479 Honors Thesis; Grade Method: REG/P-F/AUD. — 3-6 credits

0101 (46960) Time and room to be arranged Rabasa, J.

SPAN489 Spanish-American Fiction: Caribbean Frontier Societies: Puerto Rico, Haiti and Cuba; Grade Method: REG/P-F/AUD. — 3 credits

0101 (46970) MWF..... 9:00am- 9:50am (JMZ 1120) Phaf, I.

SPAN495 Honors Reading; Grade Method: REG/P-F/AUD. *Prerequisite: admittance to Spanish and Portuguese Honors or permission of department.* — 3 credits

0101 (46980) TuTh.....11:00am-12:15pm (JMZ 2207) Sanjines, J.

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPAN798 Open Seminar: Visiones Contemporaneas: Caribe S. XVIII; Grade Method: REG/AUD. — 3 credits

0101 (47011) M..... 4:30pm- 7:00pm (JMZ 1103) Phaf, W.

SPAN798A Open Seminar: Discurso Epico, Historico y Novelesco en la Edad Media; Grade Method: REG/AUD. — 3 credits

0101 (47021) F..... 2:00pm- 4:30pm (JMZ 0208) Benito-Vessels,

SPAN798B Open Seminar: Cultura Oral y Cultura Letrada en Indoamerica; Grade Method: REG/AUD. — 3 credits

0101 (47031) Th..... 4:30pm- 7:00pm (JMZ 0208) Harrison, R.

SPAN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SPAN809 Colonial Spanish American Literature: Subaltern Studies in the Americas; Grade Method: REG/AUD. — 3 credits

0101 (47051) W..... 4:30pm- 7:00pm (JMZ 0208) Rabasa, J.

SPAN898 Open Seminar: Critica Literaria; Grade Method: REG/AUD. — 3 credits

0101 (47061) W..... 4:30pm- 7:00pm (JMZ 1103) Sosnowski, S.

SPAN898A Open Seminar: Latin American Women Writers; Grade Method: REG/AUD. — 3 credits

0101 (47071) Tu..... 4:30pm- 7:00pm (JMZ 2123) Cypess, S.

SPAN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

SPCH Speech (Arts and Humanities)

SPCH107 Speech Communication: Principles and Practice; Grade Method: REG/P-F/AUD. *Not open to students who have completed SPCH 100. Credit will be granted for only one of the following: SPCH 100 or SPCH 107.* (Course chairperson - Nolvin). Attendance on the first day of classes is mandatory. This course is restricted to students of the former College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 01020, 01030, 01021, 01031, 01040, 1506A, 12230, 01080, 12120, 12130, 4901Z, 00400, 21030, 1505F, 1306H, and 4901E. — 3 credits

0101 (47141) MWF..... 8:00am- 8:50am (SKN 1115) STAFF
0201 (47142) MWF..... 8:00am- 8:50am (TWS 2230) STAFF
0301 (47143) MWF..... 9:00am- 9:50am (SKN 1115) STAFF
0401 (47144) MWF..... 9:00am- 9:50am (TWS 2212) STAFF
0501 (47145) MWF..... 9:00am- 9:50am (TWS 2230) STAFF
0601 (47146) MWF.....10:00am-10:50am (TWS 2212) STAFF
0701 (47147) MWF.....10:00am-10:50am (TWS 2230) STAFF
0801 (47148) MWF.....10:00am-10:50am (TWS 2226) STAFF
0901 (47149) MWF.....10:00am-10:50am (TWS 0135) STAFF
1001 (47150) MWF.....11:00am-11:50am (DNC 1143) STAFF
1101 (47151) MWF.....11:00am-11:50am (TWS 2226) STAFF
1201 (47152) MWF.....11:00am-11:50am (TWS 2212) STAFF
1301 (47153) MWF.....11:00am-11:50am (TWS 2230) STAFF
1401 (47154) MWF..... 1:00pm- 1:50pm (TWS 0135) STAFF
1501 (47155) MWF..... 1:00pm- 1:50pm (SKN 0104) STAFF
1601 (47156) MWF..... 2:00pm- 2:50pm (TWS 2228) STAFF
1701 (47157) TuTh..... 8:00am- 9:15am (TWS 2228) STAFF
1801 (47158) TuTh..... 8:00am- 9:15am (TWS 0135) STAFF
1901 (47159) TuTh..... 9:30am-10:45am (TWS 2230) STAFF
2001 (47160) TuTh..... 9:30am-10:45am (TWS 2228) STAFF
2101 (47161) TuTh..... 9:30am-10:45am (SKN 1112) STAFF
2201 (47162) TuTh.....11:00am-12:15pm (EDU 4233) STAFF
2301 (47163) TuTh.....11:00am-12:15pm (TWS 2230) STAFF
2401 (47164) TuTh.....11:00am-12:15pm (TWS 2212) STAFF
2501 (47165) TuTh.....11:00am-12:15pm (SKN 1112) STAFF
2601 (47166) TuTh.....12:30pm- 1:45pm (COL 3112) STAFF
2701 (47167) TuTh.....12:30pm- 1:45pm (TWS 2230) STAFF
2801 (47168) TuTh.....12:30pm- 1:45pm (COL 3109) STAFF
2901 (47169) TuTh.....12:30pm- 1:45pm (TWS 2228) STAFF
3001 (47170) TuTh.....12:30pm- 1:45pm (TWS 2212) STAFF
3101 (47171) TuTh..... 2:00pm- 3:15pm (TWS 2228) STAFF
3201 (47172) TuTh..... 2:00pm- 3:15pm (TWS 0131) STAFF

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD. (Course chairperson - Spencer). Attendance on the first day of classes is mandatory. This course is restricted to students of the former College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 01020, 01030, 01021, 01031, 01040, 1506A, 12230, 01080, 12120, 12130, 4901Z, 00400, 21030, and 4901E. — 3 credits

0101 (47182) TuTh..... 9:30am-10:45am (TWS 0131) Kimble, J.
0201 (47183) TuTh.....11:00am-12:15pm (JMZ 2117) Kimble, J.

SPCH200 Advanced Public Speaking; Grade Method: REG/P-F/AUD. *Prerequisite: SPCH 100 or SPCH 107 or permission of department.* (Course chairperson - McCaleb). Attendance on the first day of classes is mandatory. — 3 credits

0101 (47193) MWF..... 9:00am- 9:50am (SKN 1112) Sullivan, R.
0201 (47194) MWF.....10:00am-10:50am (SKN 1112) Sullivan, R.

SPCH220 Small Group Discussion; Grade Method: REG/P-F/AUD. (Course chairperson - Falcione). Attendance on the first day of classes is mandatory. — 3 credits

0101 (47204) TuTh.....11:00am-12:15pm (ARM 0117) Downs, A.
0201 (47205) TuTh.....12:30pm- 1:45pm (SKN 1112) Downs, A.

SPCH230 Argumentation and Debate; Grade Method: REG/P-F/AUD. (Course chairperson - Klumpp). Attendance on the first day of classes is mandatory. — 3 credits

0101 (47215) TuTh..... 8:00am- 9:15am (TWS 2230) Perry, L.
0201 (47216) TuTh..... 9:30am-10:45am (TWS 2212) Perry, L.
0301 (47217) TuTh..... 2:00pm- 3:15pm (TWS 2212) Croy, T.
0401 (47218) TuTh.....12:30pm- 1:45pm (TWS 0138) Croy, T.

SPCH360 The Rhetoric of Black America; Grade Method: REG/P-F/AUD. — 3 credits

0101 (47226) TuTh..... 2:00pm- 3:15pm (SYM 1308) Shaw, L.
0201 (47229) TuTh.....11:00am-12:15pm (SKN 0104) King, C.

SPCH383 Urban Communication; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. — 3 credits

0101 (47239) M..... 7:00pm- 9:45pm (SKN 0200) Niles, L.

SPCH400 Research Methods in Speech Communication; Grade Method: REG/P-F/AUD. *Prerequisites: SPCH 250 and an introductory course in statistics.* Attendance on the first day of classes is mandatory. — 3 credits

0101 (47249) TuTh.....12:30pm- 1:45pm (SKN 0104) Anderson, J.

SPCH401 Foundations of Rhetoric; Grade Method: REG/P-F/AUD. *Prerequisite: SPCH 250.* Attendance on the first day of classes is mandatory. — 3 credits

0101 (47259) MW.....11:00am-12:15pm (SKN 0104) McCaleb, J.

SPCH402 Communication Theory and Process; Grade Method: REG/P-F/AUD. *Recommended: SPCH 250.* Attendance on the first day of classes is mandatory. — 3 credits

0101 (47269) MW..... 9:30am-10:45am (SKN 0104) Spencer, E.

SPCH424 Communication in Complex Organizations; Grade Method: REG/P-F/AUD. *Prerequisite: SPCH 400 or permission of department.* — 3 credits

0101 (47279) TuTh..... 3:45pm- 5:00pm (SKN 0104) Anderson, J.

SPCH451 Renaissance and Modern Rhetorical Theory; Grade Method: REG/P-F/AUD. *Prerequisite: SPCH 450 or permission of department.* — 3 credits

0101 (47289) TuTh..... 2:00pm- 3:15pm (SKN 0104) Gaines, R.

SPCH460 American Public Address 1635-1900; Grade Method: REG/P-F/AUD. *Prerequisite: SPCH 401 or permission of department.* — 3 credits

0101 (47299) MW..... 2:00pm- 3:15pm (SKN 0104) Klumpp, J.

SPCH482 Intercultural Communication; Grade Method: REG/P-F/AUD. CORE Cultural Diversity Course. *Prerequisite: SPCH 400 or permission of department.* — 3 credits

0101 (47309) TuTh.....12:30pm- 1:45pm (WDS 1114) Shaw, L.

SPCH489 (PermReq) Topical Research: Speech Communication Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPCH498 (PermReq) Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

SPCH498A Seminar: Applied Communication; Grade Method: REG/P-F/AUD. — 3 credits

0101 (47337) M..... 4:00pm- 6:45pm (SKN 1115) Eadie, W.

SPCH682 Seminar in Intercultural Communication; Grade Method: REG/AUD. — 3 credits

0101 (47347) TuTh.....12:30pm- 1:45pm (WDS 1114) Shaw, L.

SPCH698 Special Problems in Speech Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

SPCH698D Special Problems in Speech Communication; Grade Method: REG/AUD. — 3 credits

0101 (47365) Tu..... 4:00pm- 6:45pm (SKN 2127) Freimuth, V.

SPCH703 (PermReq) Advanced Quantitative Data Analysis in Speech Communication Research: Structural Equation Models; Grade Method: REG/AUD. *Prerequisites: SPCH 702 and permission of instructor. Formerly PCOM 703.* — 3 credits

0101 (47375) M..... 4:00pm- 6:45pm (SKN 2127) Fink, E.

SPCH712 Advanced Historical/Critical Methods in Speech Communication Research; Grade Method: REG/AUD. *Prerequisites: SPCH 711 and permission of instructor. Formerly PCOM 712.* — 3 credits

0101 (47385) M..... 7:00pm- 9:45pm (SKN 2127) Klumpp, J.

SPCH724 Seminar in Organizational Communication; Grade Method: REG/AUD. *Prerequisite: permission of instructor.* — 3 credits

0101 (47395) Th..... 7:00pm- 9:45pm (SKN 1112) Anderson, J.

SPCH758 Seminar in Rhetorical Theory; Grade Method: REG/AUD. — 3 credits

0101 (47405) Th..... 4:00pm- 6:45pm (SKN 2127) Gaines, R.

SPCH780 Seminar in Political Communication; Grade Method: REG/AUD. *Prerequisite: SPCH 601 or permission of instructor.* — 3 credits

0101 (47415) Th..... 7:00pm- 9:45pm (SKN 0104) Mello, B.

SPCH776 Seminar in Interpersonal Communication; Grade Method: REG/AUD. — 3 credits

0101 (47425) W..... 4:00pm- 6:45pm (SKN 1112) Spencer, E.

SPCH798 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPCH799 Master's Thesis Research; Grade Method: REG. — 1-6 credits

(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

SPCH888 (PermReq) Doctoral Practicum in Speech Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-9 credits

SPCH889 (PermReq) Doctoral Tutorial in Speech Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

SPCH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

STAT Statistics and Probability (Computer, Mathematical and Physical Sciences)

STAT100 Elementary Statistics and Probability; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. *Prerequisite: permission of Math Department based on satisfactory score on Math placement exam or MATH 110 or MATH 115. Not open to students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.* 3 credits

0101 (47529) MWF.....12:00pm-12:50pm (MTH 0101) STAFF
0102 (47530) MWF.....12:00pm-12:50pm (MTH 0403) STAFF
0103 (47531) MWF.....12:00pm-12:50pm (MTH 0106) STAFF
0201 (47532) MWF..... 2:00pm- 2:50pm (MTH 0102) STAFF
0202 (47533) MWF..... 2:00pm- 2:50pm (MTH 0104) STAFF
0203 (47534) MWF..... 2:00pm- 2:50pm (MTH B0425) STAFF

STAT400 Applied Probability and Statistics I; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 141. Not acceptable toward graduate degrees in STAT, MAPL, or MATH. Credit will be granted for only one of the following: STAT 400 or ENEE 324.* Section 0501 is designed for engineering students, stressing applications and techniques from chemical, civil and mechanical engineering. 3 credits

0101 (47544) MWF.....10:00am-10:50am (MTH 0407) STAFF
0201 (47545) MWF..... 2:00pm- 2:50pm (MTH 0103) Syski, R.
0301 (47546) TuTh..... 9:30am-10:45am (MTH 1308) Kagan, A.
0401 (47547) TuTh.....11:00am-12:15pm (MTH 0303) Yang, G.
0501 (47548) TuTh.....12:30pm- 1:45pm (MTH 0306) Yakobson, M.
0601 (47549) TuTh..... 2:00pm- 3:15pm (MTH 0405) Lee, T.

STAT401 Applied Probability and Statistics II; Grade Method: REG/P-F/AUD. *Prerequisite: STAT 400.* 3 credits
0101 (47559) TuTh..... 2:00pm- 3:15pm (MTH B0423) Fakre-Zakeri, I

STAT410 Introduction to Probability Theory; Grade Method: REG/P-F/AUD. *Prerequisite: MATH 240; and MATH 241.* 3 credits
0101 (47569) TuTh..... 5:00pm- 6:15pm (MTH 0304) STAFF

STAT420 Introduction to Statistics; Grade Method: REG/P-F/AUD. *Prerequisite: STAT 410 or equivalent.* Course is offered in the spring semester only. 3 credits
0101 (47579) TuTh..... 5:00pm- 6:15pm (MTH 0103) Fakre-Zakeri, I

STAT450 Regression and Analysis of Variance; Grade Method: REG/P-F/AUD. *Prerequisite: STAT 401 or STAT 420.* 3 credits
0101 (47589) MWF..... 2:00pm- 2:50pm (CHM 0124) Smith, P.

STAT498A Selected Topics in Statistics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT498S Selected Topics in Statistics: Survey People; Grade Method: REG/P-F/AUD. 1-6 credits
0301 (47608) MW..... 5:00pm- 6:15pm (MTH 0106) STAFF

STAT601 Probability Theory II; Grade Method: REG/AUD. *Prerequisite: STAT 600.* Course is offered in the spring semester only. 3 credits
0101 (47618) TuTh.....12:30pm- 1:45pm (MTH 0102) Lee, T.

STAT611 Stochastic Processes II; Grade Method: REG/AUD. *Prerequisite: STAT 610. Recommended: STAT 650, MATH 630.* Course is offered in the spring semester only. 3 credits
0101 (47628) MWF.....11:00am-11:50am (MTH 0201) Syski, R.

STAT650 Applied Stochastic Processes; Grade Method: REG/AUD. *Prerequisite: STAT 410 or MATH 410 with one semester of probability.* Course is offered in the spring semester only. 3 credits
0101 (47638) TuTh..... 5:00pm- 6:15pm (MTH 0106) Slud, E.

STAT898A Selected Topics in Probability; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT701 Mathematical Statistics II; Grade Method: REG/AUD. *Prerequisite: STAT 700 or equivalent.* Course is offered in the spring semester only. 3 credits
0101 (47657) MW..... 5:00pm- 6:15pm (MTH 0305) Mikulski, P.

STAT730 Time Series Analysis; Grade Method: REG/AUD. *Prerequisites: STAT 700 plus a graduate course in analysis, or permission of instructor. Recommended: STAT 701, STAT 650.* 3 credits
0101 (47667) TuTh..... 2:00pm- 3:15pm (MTH 0401) Kedem, B.

STAT770 Analysis of Categorical Data; Grade Method: REG/AUD. *Prerequisite: STAT 420, STAT 450 and some knowledge of FORTRAN.* 3 credits
0101 (47677) TuTh.....11:00am-12:15pm (MTH 0102) Kagan, A.

STAT798A Selected Topics in Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

TEXT Textiles (Human Ecology)

TEXT498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only or permission of department. 2-4 credits

THET Theatre (Arts and Humanities)

(See also RTVF and SPCH)

THET110 Introduction to the Theatre; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course. 3 credits
0101 (47817) MW..... 9:00am- 9:50am (SKN 0200) STAFF
W.....10:00am-10:50am (THS 0131) Dis
0102 (47818) MW..... 9:00am- 9:50am (SKN 0200) STAFF
W.....11:00am-11:50am (THS 0131) Dis
0103 (47819) MW..... 9:00am- 9:50am (SKN 0200) STAFF
W.....12:00pm-12:50pm (THS 0135) Dis
0104 (47820) MW..... 9:00am- 9:50am (SKN 0200) STAFF
W..... 1:00pm- 1:50pm (THS 0138) Dis
0105 (47821) MW..... 9:00am- 9:50am (SKN 0200) STAFF
W..... 2:00pm- 2:50pm (THS 0135) Dis
0106 (47822) MW..... 9:00am- 9:50am (SKN 0200) STAFF
W..... 3:00pm- 3:50pm (THS 0135) Dis
0107 (47823) MW..... 9:00am- 9:50am (SKN 0200) STAFF
F..... 8:00am- 8:50am (THS 0135) Dis
0108 (47824) MW..... 9:00am- 9:50am (SKN 0200) STAFF
F..... 9:00am- 9:50am (THS 0135) Dis
0109 (47825) MW..... 9:00am- 9:50am (SKN 0200) STAFF
F.....10:00am-10:50am (THS 0131) Dis
0110 (47826) MW..... 9:00am- 9:50am (SKN 0200) STAFF
F.....11:00am-11:50am (THS 0147) Dis
0111 (47827) MW..... 9:00am- 9:50am (SKN 0200) STAFF
F.....12:00pm-12:50pm (THS 0147) Dis
0112 (47828) MW..... 9:00am- 9:50am (SKN 0200) STAFF
F..... 1:00pm- 1:50pm (THS 2228) Dis

THET111 Making Theatre: Art and Scholarship; Grade Method: REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.* 3 credits
0101 (47838) TuTh.....12:30pm- 1:45pm (THS 0131) STAFF

THET120 (PermReq) Acting I; Grade Method: REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.* Students must contact department before registration for appropriate section. 3 credits
0101 (47848) TuTh.....11:00am- 1:00pm (THS 1228) STAFF
TuTh.....11:00am- 1:00pm (THS 1228) Lab
0102 (47849) TuTh..... 1:00pm- 3:00pm (THS 1228) STAFF
TuTh..... 1:00pm- 3:00pm (THS 1228) Lab
0103 (47850) TuTh..... 3:00pm- 5:00pm (THS 1228) STAFF
TuTh..... 3:00pm- 5:00pm (THS 1228) Lab

THET170 Stagecraft; Grade Method: REG/P-F/AUD. 3 credits
0101 (47860) TuTh.....11:00am-12:00pm (THS 0241) Kriebs, D.
M..... 2:00pm- 5:00pm (THS 0231) Lab
0102 (47861) TuTh.....11:00am-12:00pm (THS 0241) Kriebs, D.
Tu..... 2:00pm- 5:00pm (THS 0231) Lab
0103 (47862) TuTh.....11:00am-12:00pm (THS 0241) Kriebs, D.
W..... 2:00pm- 5:00pm (THS 0231) Lab
0104 (47863) TuTh.....11:00am-12:00pm (THS 0241) Kriebs, D.
Th..... 2:00pm- 5:00pm (THS 0231) Lab

THET221 (PermReq) Speech For the Stage; Grade Method: REG/P-F/AUD. *Prerequisites: THET 120 and by audition and permission of department.* 3 credits
0101 (47873) MW..... 1:00pm- 2:50pm (THS 1228) Lab Ufema, C.

THET273 (PermReq) Scenographic Techniques; Grade Method: REG/P-F/AUD. *Prerequisite: THET 170 and permission of department.* 3 credits
0101 (47883) TuTh..... 2:00pm- 3:50pm (THS 1208) Lab Wagner, D.

THET320 (PermReq) Acting II; Grade Method: REG. *Prerequisites: THET 111; and THET 120; and by audition and permission of department.* 3 credits
0101 (47893) TuTh..... 9:00am-10:50am (THS 0241) Hebert, M.

THET330 (PermReq) Play Directing I; Grade Method: REG/P-F/AUD. *Prerequisites: THET 111 and THET 120 and THET 170 and permission of department.* 3 credits
0101 (47903) TuTh..... 3:00pm- 4:50pm (THS 0241) Lab Ufema, C.

THET375 Scenic Design I; Grade Method: REG/P-F/AUD. *Prerequisite: THET 273 or permission of department.* 3 credits
0101 (47913) MW.....10:00am-11:50am (THS 1208) STAFF

THET386 (PermReq) Experiential Learning; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* 3-6 credits

THET390 Clothing and Culture; Grade Method: REG. 3 credits
0101 (47935) MWF..... 9:00am- 9:50am (THS 0131) Anderson, C.

THET429 (PermReq) Actor's Studio; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET430 (PermReq) Play Directing II; Grade Method: REG. *Prerequisite: THET 330 or permission of department.* 3 credits
0101 (47953) MW..... 3:00pm- 5:00pm (THS 0241) Oleary, R.

THET451 (PermReq) Musical Comedy Workshop; Grade Method: REG/P-F. *Prerequisites: audition and permission of department.* 3 credits
0101 (47963) MW..... 1:00pm- 3:00pm (THS 2231) Oleary, R.

THET461 (PermReq) Theatre Management II; Grade Method: REG. *Prerequisites: THET 110 and THET 111 or permission of department.* This course is taught in the spring semester only. 3 credits
0101 (47973) TuTh..... 9:30am-10:45am (THS 0154) Patterson, W.

THET471 (PermReq) Scenic Design II; Grade Method: REG/P-F/AUD. *Prerequisite: THET 375 and permission of department.* 3 credits
0101 (47983) MW..... 1:00pm- 2:50pm (THS 1208) Lab STAFF

THET476 (PermReq) Lighting Design I; Grade Method: REG/P-F/AUD. *Prerequisite: THET 273 or permission of department.* 3 credits
0101 (47993) TuTh..... 1:00pm- 3:00pm (THS 0241) Wagner, D.
Time and room to be arranged Lab

THET479 (PermReq) Theater Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET480 Stage Costume History and Design I; Grade Method: REG/P-F/AUD. 3 credits
0101 (48007) MW..... 3:00pm- 4:50pm (THS 0147) Huang, H.

THET481 (PermReq) Stage Costume History and Design II; Grade Method: REG/P-F/AUD. *Prerequisites: THET 480; and permission of department.* 3 credits
0101 (48017) MW.....10:00am-11:50am (THS 1208) Huang, H.

THET491 History of the Theatre: Late Seventeenth to Mid-Nineteenth Century; Grade Method: REG/P-F/AUD. *Prerequisite: THET 111 or permission of department.* 3 credits
0101 (48027) TuTh.....11:00am-12:15pm (THS 0147) Schuler, C.

THET495 History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD. CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 (48037) TuTh.....11:00am-12:15pm (THS 0131) Gillespie, P.

THET499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

THET499A (PermReq) Independent Study: Advanced Study in Costume Design; Grade Method: REG/AUD. 1-3 credits
0101 (48060) Time and room to be arranged Lab Huang, H.

THET499B Independent Study: Advance Stage Craft; Grade Method: REG/P-F/AUD. 3 credits
0101 (48070) TuTh..... 9:00am-11:00am (THS 1208) Lab Kriebs, D.

THET499D Independent Study: Black Theatre Performance; Grade Method: REG/P-F/AUD. 3 credits
0101 (48080) MW..... 4:00pm- 6:00pm (THS 1228) Mundy, F.

THET499E Independent Study: History of 20th Centry Costumes; Grade Method: REG. 3 credits
0101 (48090) MWF..... 1:00pm- 1:50pm (THS 0131) Anderson, C.

THET499L Independent Study: Clothing and Culture; Grade Method: REG/P-F/AUD. 3 credits
0101 (48100) Time and room to be arranged Anderson, C.

THET499M Independent Study: Advance Stage Makeup; Grade Method: REG/P-F/AUD. 3 credits
0101 (48110) MW.....10:00am-11:50am (THS B023D) Donnelly, D.

THET499R (PermReq) Independent Study: Acting IV; Grade Method: REG. Prerequisites: THET 420 and audition. 3 credits

0101 (48120) MW..... 1:00pm- 2:50pm (THS 0241) Hebert, M.

THET499S (PermReq) Independent Study: Sound Design; Grade Method: REG/P-F/AUD. 3 credits
0101 (48130) TuTh..... 9:00am-10:50am (THS 1228) Kriebs, D.

THET499T (PermReq) Independent Study: Technical Design; Grade Method: REG/P-F/AUD. 3 credits
0101 (48140) M..... 9:00am-11:50am (THS 0231) Donnelly, D.

THET689 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET689A (PermReq) Independent Study: Advanced Study in Costume Design; Grade Method: REG/AUD. 1-3 credits
0101 (48183) Time and room to be arranged Lab Huang, H.

THET699T (PermReq) Independent Study: Technical Design; Grade Method: REG/AUD. 3 credits
0101 (48193) M..... 9:00am-11:50am (THS 0231) Donnelly, D.

THET881 Theory of Visual Design in Costuming; Grade Method: REG/AUD. 3 credits
0101 (48203) Time and room to be arranged Huang, H.

THET898 Seminar: Theatre History: American Theatre History; Grade Method: REG/AUD. 3 credits
0101 (48213) Th..... 4:00pm- 6:30pm (THS 0154) Gillespie, P.

THET711 Qualitative Research Methods in Theatre Research; Grade Method: REG/AUD. *Prerequisite: THET 700. Formerly PCOM 711.* 3 credits
0101 (48223) Tu..... 4:00pm- 6:30pm (THS 0154) Meersman, R.

THET788 Master's Tutorial; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1 credit

THET789 (PermReq) Master's Practicum; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET888 (PermReq) Doctoral Practicum in Theatre; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3-9 credits

THET889 (PermReq) Doctoral Tutorial in Theatre; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

THET899 (PermReq) Doctoral Dissertation Research; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

TXCE Textiles and Consumer Economics (Human Ecology)

TXCE608 Special Problems; Grade Method: REG/AUD. 1-3 credits
0101 (48330) Time and room to be arranged Block, I.

TXCE699 Research Seminar; Grade Method: S-F. 1 credit
0101 (48340) M..... 4:00pm- 4:50pm (MMH 3418) Yeh, K.

TXCE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

UMEI Maryland English Institute (Arts and Humanities)

UMEI001 (PermReq) English as a Foreign Language: Beginning; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 12 credits

0101 (48425) MTuWThF... 1:00pm- 3:00pm (JMZ 2102) Salus, S.
MWF.....11:00am-12:00pm (SKN 1112)
TuTh.....11:00am-12:00pm (COL 3114)

UMEI002 (PermReq) English as a Foreign Language: Intermediate I; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 12 credits

0101 (48435) MWF..... 9:00am-12:00pm (COL 3114) Sprague, M.
TuTh..... 9:00am-12:00pm (JRN 1103)
MWF..... 2:00pm- 3:00pm (COL 3114)
TuTh..... 2:00pm- 3:00pm (JMZ 1104)

UMEI003 (PermReq) English as a Foreign Language: Intermediate II; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes. 12 credits

0101 (48445) MWF.....10:00am-12:00pm (DNC 1147A) Jarrett, L.
TuTh.....10:00am-12:00pm (EDU 0202)
MW..... 1:00pm- 3:00pm (KEY 0119)
0102 (48446) MWF..... 1:00pm- 3:00pm (JMZ 2125) Lipowitz, H.
TuTh..... 1:00pm- 3:00pm (TWS 0135)
MWF.....10:00am-12:00pm (EGR 0104)
TuTh.....10:00am-12:00pm (MTH B0431)

UMEI004 (PermReq) English as a Foreign Language: Intermediate III; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes. 12 credits

0101 (48456) MWF..... 9:00am-11:00am (ARM 0108) Monder, P.
TuTh..... 9:00am-11:00am (JMZ 0120)
MWF..... 1:00pm- 3:00pm (JRN 1103)
TuTh..... 1:00pm- 3:00pm (ARC 1121)
0102 (48457) MWF..... 9:00am-11:00am (ARM 0103) Prince, S.
TuTh..... 9:00am-11:00am (JMZ 1109)
MW..... 1:00pm- 3:00pm (THS 2212)
TuTh..... 1:00pm- 3:00pm (JMZ 1122)
F..... 1:00pm- 3:00pm (THS 0136)
0103 (48458) TuTh..... 9:00am-11:00am (ARC 1121) Stonham, R.

UMEI005 (PermReq) Advanced English as a Foreign Language; Grade Method: S-F. See Director, UMEI, 2140 Taliaferro. Undergraduate student also required to enroll in two courses not to exceed eight hours. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes. Section 0301 reccommended for graduate students only. 6 credits

0101 (48468) MWF.....10:00am-12:00pm (EGR 0102) Aldridge, C.

TuTh.....10:00am-12:00pm (ARM 0108)
0301 (48469) MTuWThF...10:00am-12:00pm (ARM 0101) Butler, M.
0401 (48470) MWF..... 9:00am-11:00am (HBK 1112) Sahin, L.
TuTh..... 9:00am-11:00am (JRN 1101)

UMEI006 (PermReq) — **English Pronunciation; Grade Method: S-F.** This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes. — **1 credit**
0101 (48480) W..... 3:00pm- 5:00pm (JMZ 2123) Liakos, N.

UMEI007 (PermReq) — **Advanced Writing for International Students; Grade Method: S-F.** *Open to both graduate and undergraduate students. Special fee. This course does not carry credit towards any degree at the University and does not count in the rentention plan.* See Director, UMEI, 2140 Taliaferro. See financial section in Schedule of Classes for information. — **3 credits**
0101 (48490) TuTh..... 3:00pm- 5:00pm (JMZ 1103) Kameras, B.

UMEI008 (PermReq) — **Advanced Oral Communication Skills; Grade Method: S-F.** See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — **1 credit**
0101 (48500) TuTh..... 2:00pm- 4:00pm (JMZ 1120) Liakos, N.

URSP Urban Studies and Planning (Architecture)

URSP100 — **Introduction to Urban Studies and Planning; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D: Social and Behavioral Sciences Course.** *Formerly URBS 100.* — **3 credits**
0101 (48610) TuTh.....12:30pm- 1:45pm (ARC 0204) Levin, M.

URSP320 — **Planning and the Contemporary City; Grade Method: REG/P-F/AUD. CORE Advanced Studies Social and Ethical Problems Course.** *Prerequisite: URSP 240. Credit will be granted for only one of the following: URSP 320, URBS 220, or URBS 320. Formerly URBS 320.* — **3 credits**
0101 (48620) TuTh.....11:00am-12:15pm (LEF 1222) Cohen, J.

URSP399I (PermReq) — **Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — **3 credits**

URSP402 — **Senior Capstone: Urban Theory and Practice; Grade Method: REG/P-F/AUD.** *Prerequisite: URSP 401. Senior standing. For URSP majors only. Formerly URBS 402.* — **3 credits**
0101 (48638) TuTh..... 2:00pm- 3:15pm (LEF 1210) Levin, M.

URSP438 (PermReq) — **Urban Honors Internship; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — **1-6 credits**

URSP488I (PermReq) — **Selected Topics in Urban Studies and Planning: Geographic Information Systems; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 373 or permission of department.** — **3 credits**
0101 (48655) Tu..... 4:00pm- 6:00pm (LEF 2208) Thompson, D.
W..... 4:00pm- 6:00pm (LEF 1124) Lab
0102 (48656) Tu..... 4:00pm- 6:00pm (LEF 2208) Thompson, D.
Th..... 5:00pm- 7:00pm (LEF 1124) Lab

URSP488X (PermReq) — **Selected Topics in Urban Studies and Planning: Urban Problems Seminar; Grade Method: REG/AUD.** — **3 credits**
0101 (48666) TuTh..... 3:30pm- 4:45pm (ARC 1123) Fogle, D.

URSP601 — **Research Methods; Grade Method: REG/AUD.** *Prerequisite: basic course in statistics. Formerly URBS 601.* — **3 credits**
0101 (48676) Th..... 4:00pm- 6:30pm (LEF 1221) Chen, A.

URSP607 — **Human Behavior and the Physical Environments; Grade Method: REG/AUD.** *Recommended: URSP 603. Formerly URBS 607.* — **3 credits**
0101 (48686) W..... 7:00pm- 9:30pm (LEF 1220) Brower, S.

URSP610 — **Urban Demographic Analysis; Grade Method: REG/AUD.** *Prerequisite: URSP 601. Credit will be granted for only one of the following: URSP 610, URBS 640 or URBS 610. Formerly URBS 610.* — **3 credits**
0101 (48696) TuTh.....12:30pm- 1:45pm (LEF 1221) Georas, M.

URSP629 — **Computer Applications and Planning; Grade Method: REG/AUD.** — **3 credits**
0101 (48706) Th..... 7:00pm- 9:30pm (LEF 1210) Chen, A.

URSP632 — **The Urban Neighborhood; Grade Method: REG/AUD.** *Formerly URBS 632.* — **3 credits**
0101 (48716) Tu..... 4:00pm- 6:30pm (LEF 1221) Brower, S.

URSP661 — **City and Regional Economic Development Planning; Grade Method: REG/AUD.** *Prerequisite: URSP 606 or URSP 660. Credit will be granted for only one of the following: URSP 661, URBS 440 or URBS 661. Formerly URBS 661.* — **3 credits**
0101 (48726) M..... 4:00pm- 6:30pm (LEF 1220) Howland, M.

URSP688G — **Recent Developments in Urban Studies: Issues in Growth Management and Environmental Planning; Grade Method: REG/AUD.** — **3 credits**
0101 (48736) Tu..... 7:00pm- 9:30pm (LEF 1222) Cohen, J.

URSP688L — **Recent Developments in Urban Studies: Introduction to Transportation Planning; Grade Method: REG/AUD.** — **3 credits**
0101 (48746) M..... 7:00pm- 9:30pm (LEF 1221) Avin, U.

URSP691 — **Politics and Planning; Grade Method: REG/AUD.** — **3 credits**
0101 (48767) M..... 4:00pm- 6:30pm (LEF 1210) Baum, H.

URSP703 (PermReq) — **Community Planning Field Instruction and Practicum; Grade Method: S-F.** *Prerequisite: permission of instructor. For MCP majors only. Formerly URBS 703.* — **3-6 credits**
0101 (48777) W..... 4:00pm- 6:30pm (LEF 1221) Baum, H.

URSP704 (PermReq) — **Community Planning Studio; Grade Method: REG/AUD.** *Prerequisites: URSP 603, and permission of instructor. For MCP majors only. Formerly URBS 704.* — **6 credits**
0101 (48787) W..... 1:00pm- 6:00pm (LEF 1210) Hanna, W.
W..... 9:30am-12:30pm (LEF 1210) Lab
Sa.....10:00am- 1:00pm (LEF 1179) Dis
0102 (48788) W..... 1:00pm- 6:00pm (LEF 1210) Hanna, W.
W..... 7:00pm-10:00pm (LEF 1222) Lab
Sa.....10:00am- 1:00pm (LEF 1179) Dis

URSP710 — **Research Seminar: Urban Theory and Issues; Grade Method: REG/AUD.** *Prerequisite: 15 graduate credit hours in URSP. For URSP majors only. Formerly URBS 710.* — **3 credits**
0101 (48798) M..... 7:00pm- 9:30pm (LEF 2123) Levin, M.

URSP788 (PermReq) — **Independent Study in Urban Studies and Planning; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — **1-3 credits**

URSP798 (PermReq) — **Readings in Urban Studies and Planning; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — **1-3 credits**

URSP799 — **Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** — **1-6 credits**

WMST Women's Studies (Arts and Humanities)

Both WMST 200 and 250 serve as introductory courses for WMST and are required before taking any other course with a WMST prefix.

WMST200 — **Introduction to Women's Studies: Women and Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Cultural Diversity Course. USP Distributive Studies Area D: Social and Behavioral Sciences Course. A third hour for discussion will be scheduled at the first class meeting for section 0201.** — **3 credits**
0101 (48884) TuTh..... 2:00pm- 3:15pm (HBK 1112) Ransom, L.
0201 (48885) TuTh.....11:00am-11:50am (COL 3111) Dill, B.
Time and room to be arranged Dis

See note before WMST 200.

WMST250 — **Introduction to Women's Studies: Women, Art and Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. A third hour for discussion will be scheduled at the first class meeting for sections 0301 and 0501** — **3 credits**
0101 (48895) TuTh.....11:00am-12:15pm (CHM 0119) Patton, S.
0201 (48896) TuTh.....11:00am-12:15pm (WDS 1131) Povsili, M.
0301 (48897) TuTh..... 1:00pm- 1:50pm (COL 3111) King, K.
Time and room to be arranged Dis
0401 (48898) TuTh..... 2:00pm- 3:15pm (WDS 1127) Povsili, M.
0501 (48899) TuTh.....11:00am-11:50am (JMZ 0125) Rosenfelt, D.
Time and room to be arranged Dis
0601 (48900) TuTh..... 9:30am-10:45am (KEY 0116) Rowe, D.

WMST288E — **Special Topics in Women's Studies: Constructing the Field of Lesbian, Gay and Bisexual Studies; Grade Method: REG/P-F/AUD.** — **3 credits**
0101 (48920) TuTh..... 3:30pm- 4:45pm (WDS 1130) King, K.

WMST350 (PermReq) — **Feminist Education Practicum; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: permission of department. Corequisite: WMST 351.* — **3 credits**

WMST351 (PermReq) — **Feminist Education Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.** *Prerequisite: permission of department. Corequisite: WMST 350.* — **3 credits**

WMST400 — **Theories of Feminism; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course.** *Prerequisite: WMST 200 or WMST 250.* — **3 credits**
0101 (48946) TuTh..... 3:30pm- 4:45pm (WDS 1114) Moses, C.

WMST498A (PermReq) — **Special Topics in Women's Studies: Women and the Holocaust; Grade Method: REG/P-F/AUD.** — **3 credits**
0101 (48956) Tu..... 5:30pm- 6:00pm (WDS 1131) Beck, E.

WMST498B — **Special Topics in Women's Studies: Mothers and Daughters in Art and Culture; Grade Method: REG/P-F/AUD.** — **3 credits**
0101 (48966) M..... 5:30pm- 6:00pm (WDS 1114) Beck, E.

WMST498E — **Special Topics in Women's Studies: Constructing the Field of Lesbian, Gay and Bisexual Studies; Grade Method: REG/P-F/AUD.** — **3 credits**
0101 (48976) TuTh..... 3:30pm- 4:45pm (WDS 1130) King, K.

WMST498J — **Special Topics in Women's Studies: Feminist Theory; Grade Method: REG/P-F/AUD.** — **3 credits**
0101 (48986) TuTh.....12:30pm- 1:45pm (TYD 1101) Josephson, J.

WMST498P — **Special Topics in Women's Studies: Women in an Era of Global Change; Grade Method: REG/P-F/AUD. Students must be available to attend five Tuesday night lectures during the semester.** — **3 credits**
0101 (48996) W..... 2:00pm- 4:30pm (WDS 1130) Bolles, A.

WMST499 (PermReq) — **Independent Study; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.** — **1-3 credits**

WMST698A — **Special Topics in Women's Studies: Feminism/Post Modernism and Visual Culture; Grade Method: REG/AUD.** — **3 credits**
0101 (49013) M..... 3:30pm- 6:00pm (WDS 1131) Kauffman, L.

WMST698P — **Special Topics in Women's Studies: Women in an Era of Global Change; Grade Method: REG/AUD. Students must be available to attend five Tuesday night lectures during the semester.** — **1-3 credits**
0101 (49023) W..... 2:00pm- 4:30pm (WDS 1130) Bolles, A.

WMST699 (PermReq) — **Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — **1-3 credits**

ZOOL Zoology (Life Sciences)

ZOOL202 — **Human Anatomy and Physiology II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course.** *Prerequisite: ZOOL 201 or permission of department.* Professor-in-charge: Olek. Laboratory supervisor: Spalding. — **4 credits**
0101 (49089) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
M.....10:00am- 1:00pm (ZOP 0205) Lab
0102 (49090) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
M..... 1:00pm- 4:00pm (ZOP 0205) Lab
0103 (49091) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
Th..... 2:00pm- 5:00pm (ZOP 0205) Lab
0104 (49092) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
Tu..... 8:00am-11:00am (ZOP 0205) Lab
0105 (49093) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
Tu.....11:00am- 2:00pm (ZOP 0205) Lab
0106 (49094) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
Tu..... 2:00pm- 5:00pm (ZOP 0205) Lab
0107 (49095) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
W.....10:00am- 1:00pm (ZOP 0205) Lab
0108 (49096) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
W..... 1:00pm- 4:00pm (ZOP 0205) Lab
0109 (49097) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
Th..... 8:00am-11:00am (ZOP 0205) Lab
0110 (49098) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
F..... 1:00pm- 4:00pm (ZOP 0205) Lab
0111 (49099) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
Th.....11:00am- 2:00pm (ZOP 0205) Lab
0112 (49100) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
F.....10:00am- 1:00pm (ZOP 0205) Lab
0113 (49101) MWF..... 9:00am- 9:50am (ZOP 1240) STAFF
M..... 6:00pm- 9:00pm (ZOP 0205) Lab

ZOOL210 — **Animal Diversity; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course.** *Prerequisite: BIOL 106.* — **4 credits**
0103 (49111) TuTh..... 9:30am-10:45am (ZOP 1240) Kent, B.
M..... 2:00pm- 5:00pm (ZOP 0257) Lab
0105 (49113) TuTh..... 9:30am-10:45am (ZOP 1240) Kent, B.
Tu..... 2:00pm- 5:00pm (ZOP 0257) Lab
0107 (49114) TuTh..... 9:30am-10:45am (ZOP 1240) Kent, B.
W.....11:00am- 2:00pm (ZOP 0257) Lab
0109 (49115) TuTh..... 9:30am-10:45am (ZOP 1240) Kent, B.
Th.....11:00am- 2:00pm (ZOP 0257) Lab

ZOOL211 — **Cell Biology and Physiology; Grade Method: REG/P-F/AUD.** *Prerequisites: BIOL 105, and CHEM 103.* — **4 credits**
0101 (49125) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
M..... 2:00pm- 5:00pm (ZOP 0207) Lab
0102 (49126) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
Tu..... 8:30am-11:30am (ZOP 0207) Lab
0103 (49127) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
Tu..... 2:00pm- 5:00pm (ZOP 0207) Lab
0104 (49128) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
Tu..... 6:00pm- 9:00pm (ZOP 0207) Lab
0105 (49129) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
W..... 8:30am-11:30am (ZOP 0207) Lab
0107 (49131) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
W..... 6:00pm- 9:00pm (ZOP 0207) Lab
0108 (49132) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
Th..... 8:30am-11:30am (ZOP 0207) Lab
0109 (49133) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
Th..... 2:00pm- 5:00pm (ZOP 0207) Lab
0110 (49134) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
F..... 8:30am-11:30am (ZOP 0207) Lab
0111 (49135) MWF.....12:00pm-12:50pm (ZOP 1240) Higgins, W.
F..... 2:00pm- 5:00pm (ZOP 0207) Lab

ZOOL299 (PermReq) — **Supplemental Study in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.** — **1-3 credits**

ZOOL308H (PermReq) — **Honors Seminar; Grade Method: REG/P-F/AUD. Prerequisite: participation in honors program.** — **1 credit**
0101 (49189) Tu..... 3:30pm- 4:30pm (ZOP 2277) Palmer, M.

ZOOL309H (PermReq) — **Honors Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program.** — **1-4 credits**

ZOOL312 — **The Biology of Conservation and Extinction; Grade Method: REG/P-F/AUD.** *Prerequisite. BIOL 106.* — **3 credits**
0101 (49233) MWF.....10:00am-10:50am (ZOP 1236) Inouye, D.

ZOOL318H (PermReq) — **Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program.** — **1-2 credits**

ZOOL319 (PermReq) — **Special Problems in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, permission of instructor and department.** — **1-3 credits**

ZOOL326 — **Biology of Reproduction; Grade Method: REG/P-F/AUD.** *Prerequisite: BIOL 105 or permission of department.* — **3 credits**
0101 (49311) TuTh..... 1:45pm- 3:00pm (ZOP 1250) Carter-Porges,

ZOOL328C — **Selected Topics in Zoology: Neurophysiology; Grade Method: REG/P-F/AUD. Lectures of ZOOL 421 for undergraduate students.** — **3 credits**
0101 (49321) TuTh.....11:00am-12:15pm (ZOP 1250) Carr, C.

ZOOL328D — **Selected Topics in Zoology: Cell Biology; Grade Method: REG/P-F/AUD.** — **3 credits**
0101 (49331) TuTh..... 8:00am- 9:15am (ZOP 1243) Wolniak, S.

ZOOL328E — **Selected Topics in Zoology: Human Evolution; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 105 and BIOL 106. Approved for biological sciences majors with the following areas of emphases: general and zoology.** — **4 credits**
0101 (49341) MW..... 8:30am-10:00am (ZOP 2283) Jackson, F.
F.....10:00am-12:00pm (ZOP 0271) Lab
0102 (49342) MW..... 8:30am-10:00am (ZOP 2283) Jackson, F.
F.....12:00pm- 2:00pm (ZOP 0271) Lab

ZOOL328G — **Selected Topics in Zoology: The Human Genome; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 222. Acceptable toward biological science areas: zoology, and biological science general.** — **3 credits**
0101 (49354) MWF..... 1:00pm- 1:50pm (ZOP 1238) Barnett, A.

ZOOL328Q (PermReq) — **Selected Topics in Zoology: Behavioral Ecology Lab; Grade Method: REG/P-F/AUD. Corequisite: ZOOL 465. Acceptable as an advanced lab course toward biological science areas: zoology, biological science general, and ecology, evolution, and behavior if accompanied with ZOOL 465.** — **1 credit**
0101 (49364) Time and room to be arranged Borgia, G.

ZOOL328V — **Selected Topics in Zoology: Vertebrate Zoology; Grade Method: REG/P-F/AUD.** — **3 credits**
0101 (49374) TuTh..... 9:30am-10:45am (ZOP 1228) Highton, R.

ZOOL328X — **Selected Topics in Zoology: Vertebrate Zoology Field Trips; Grade Method: REG/P-F/AUD. Corequisite: ZOOL 328V. Saturday field trips to be arranged.** — **1 credit**
0101 (49384) Time and room to be arranged Highton, R.

ZOOL328Z (PermReq) — **Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the ZOOL or BIOL major requirements, except by permission.** — **1-5 credits**

ZOOL375 — **Biological Oceanography; Grade Method: REG/P-F/AUD.** *Prerequisites: BIOL 106 and ZOOL 210.* — **3 credits**
0101 (49427) TuTh.....11:00am-12:15pm (ZOP 1243) Sebens, K.

ZOOL411 — **Cell Biology; Grade Method: REG/P-F/AUD.** *Prerequisites: ZOOL 211 and CHEM 233. Also offered as BOTN 420. Credit will be granted for only one of the following: BOTN 420 or ZOOL 411.* — **4 credits**
0101 (49437) TuTh..... 8:00am- 9:15am (ZOP 1243) Wolniak, S.
Tu..... 1:00pm- 5:00pm (ZOP 2257) Lab
0102 (49438) TuTh..... 8:00am- 9:15am (ZOP 1243) Wolniak, S.
M..... 1:00pm- 5:00pm (ZOP 2257) Lab

ZOOL415 — **Cell Differentiation; Grade Method: REG/P-F/AUD.** *Prerequisite: ZOOL 211 or BIOL 222.* — **3 credits**
0101 (49449) MWF.....11:00am-11:50am (ZOP 1238) Goode, M.

ZOOL421 — **Neurophysiology; Grade Method: REG/P-F/AUD.** *Prerequisites: ZOOL 211; and CHEM 233; and PHYS 122.* **Undergraduate students may enroll for lectures of course under ZOOL 328C. Graduate students may enroll for lectures of course under ZOOL 708L.** — **4 credits**
0101 (49459) TuTh.....11:00am-12:15pm (ZOP 1250) Carr, C.
M..... 2:00pm- 5:00pm (ZOP 2223) Lab
0102 (49460) TuTh.....11:00am-12:15pm (ZOP 1250) Carr, C.
Tu..... 2:00pm- 5:00pm (ZOP 2223) Lab
0103 (49461) TuTh.....11:00am-12:15pm (ZOP 1250) Carr, C.
W..... 2:00pm- 5:00pm (ZOP 2223) Lab
0104 (49462) TuTh.....11:00am-12:15pm (ZOP 1250) Carr, C.
Th..... 2:00pm- 5:00pm (ZOP 2223) Lab

ZOOL441 — **Molecular Evolution; Grade Method: REG/P-F/AUD.** *Prerequisite: BIOL 222 (genetics) or permission of department.* — **3 credits**
0101 (49472) TuTh.....11:00am-12:15pm (ZOP 1234) Stephan, W.

ZOOL452 — **Recombinant DNA; Grade Method: REG/P-F/AUD.** *Prerequisite: ZOOL 211 or BIOL 222 or MICB 380.* — **3 credits**
0101 (49482) TuTh..... 4:00pm- 5:15pm (ZOP 1243) Tanda, S.

ZOOL485 — **Behavioral Ecology; Grade Method: REG/P-F/AUD.** *Prerequisites: BIOL 106; and ZOOL 210 or BIOL 222 or permission of department.* — **3 credits**
0101 (49492) MW..... 2:00pm- 3:00pm (ZOP 1238) Borgia, G.
MW..... 3:00pm- 4:30pm (ZOP 1238) Dis

ZOOL472 — **Protozoology; Grade Method: REG/P-F/AUD.** *Prerequisite: one year of biology.* — **4 credits**
0101 (49502) TuTh..... 1:00pm- 1:50pm (ZOP 1236) Small, E.
TuTh..... 2:00pm- 5:00pm (ZOP 0283) Lab

ZOOL485 — **Mammalian Histology; Grade Method:** — **4 credits**

REG/P-F/AUD. *Prerequisites: ZOOL 211; and ZOOL 422; or permission of department.*
0101 (49513) MF..... 9:00am- 9:50am (ZOP 1234) Linder, H.
MF.....10:00am- 1:00pm (ZOP 2245) Lab

ZOOL808F Zoology Seminar: Comparative Physiology; Grade Method: REG/AUD. 1-2 credits
2301 (49523) Time and room to be arranged Pierce, S.

ZOOL808L Zoology Seminar: Conservation Biology; Grade Method: REG/AUD. 1-2 credits
0101 (49533) M.....12:00pm- 1:00pm (ZOP 2277) Inouye, D.
Time and room to be arranged Dis

ZOOL808Q Zoology Seminar: Protozoology; Grade Method: REG/AUD. 1 credit
0101 (49543) Time and room to be arranged Small, E.

ZOOL809 Special Problems in Zoology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ZOOL842 Developmental Genetics; Grade Method: REG/AUD. *Prerequisites: courses in molecular genetics and developmental biology or cell biology or permission of instructor.* 3 credits
0101 (49587) TuTh.....11:00am-12:15pm (ZOP 1238) Imberski, R.

ZOOL865 (PermReq) Sociobiology; Grade Method: REG/AUD. *Prerequisites: a course in behavior and permission of instructor.* 4 credits
0101 (49597) F.....12:00pm- 4:00pm (ZOP 1230) Borgia, G.

ZOOL870 Concepts in Animal Ecology; Grade Method: REG/AUD. *Prerequisite: a course in ecology (ZOOL 470 or equivalent).* 4 credits
0101 (49607) Tu..... 8:30am-11:30am (ZOP 1230) Gill, D.
Tu..... 1:30pm- 3:00pm (ZOP 1230) Dis

ZOOL877 Ecology of Marine Communities; Grade Method: REG/AUD. *Prerequisites: ZOOL 670 or permission of instructor. Recommended: ZOOL 481.* 4 credits
0101 (49617) Tu..... 4:00pm- 6:00pm (ZOP 1230) Reaka-Kudla, M.
Time and room to be arranged Lab

ZOOL708C Advanced Topics in Zoology: Fundamentals of Neuroscience; Grade Method: REG/AUD. 4 credits
0101 (49627) TuTh..... 9:30am-10:45am (ZOP 1250) Cohen, A.
Time and room to be arranged Dis

ZOOL708D Advanced Topics in Zoology: Mammalian Genome, Structure and Function; Grade Method: REG/AUD. 2 credits
0101 (49637) M..... 4:00pm- 6:00pm (ZOP 1230) Brennan, M.

ZOOL708E Advanced Topics in Zoology: Recombinant DNA; Grade Method: REG/AUD. 3 credits
0101 (49647) TuTh..... 4:00pm- 5:15pm (ZOP 1243) Tanda, S.

ZOOL708G Advanced Topics in Zoology: Molecular Evolution; Grade Method: REG/AUD. 3 credits
0101 (49657) TuTh.....11:00am-12:15pm (ZOP 1234) Stephan, W.

ZOOL708L Advanced Topics in Zoology: Neurophysiology; Grade Method: REG/AUD. 3 credits
0101 (49667) TuTh.....11:00am-12:15pm (ZOP 1250) Carr, C.

ZOOL708N Advanced Topics in Zoology: Membrane Physiology; Grade Method: REG/AUD. 1-4 credits
3401 (49677) F..... 9:00am-10:30am (ZOP 1230) Colombini, M.

ZOOL708Q Advanced Topics in Zoology: Recent Advances in Ciliate Protozoology; Grade Method: REG/AUD. 3 credits
2801 (49687) TBA (ZOP 0283) Small, E.

ZOOL708S Advanced Topics in Zoology: Electronics for Biologists; Grade Method: REG/AUD. 2-4 credits
0101 (49697) W..... 4:00pm- 6:00pm (ZOP 1230) Payne, R.

ZOOL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ZOOL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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Tentative Schedule

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
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4:00						
4:30						
5:00						
5:30						

CAREER CENTER

EDUCATION EXPERIENCE EMPLOYMENT

UNIVERSITY OF MARYLAND AT COLLEGE PARK

Spring 1994 - Spring 1994 - Spring 1994

WORKSHOPS

Workshops are intended to help you plan your education or career and to prepare you for a job search. These group experiences are especially valuable for the opportunity to share ideas and experiences with other career planners and job seekers.

Choosing A Major

Primarily for undecided students concerned about choosing a major, these workshops focus on methods for exploring options among majors and making the decisions that are best for you. They are cooperatively sponsored with the Division of Letters & Sciences. Workshops begin in early October. Pre-registration is required. For more information, telephone 314-8418.

On-Campus Recruiting (OCRP) Orientations

Attend a mandatory information session to learn how to register for and schedule interviews with employers recruiting on campus. Stop by 3121 Hornbake Library (south wing) for dates, times and locations.

JOBS 1994

Workshop series designed to help you strategize for success. Choose any series for a full overview of the tools and techniques that will help you to succeed in your job search. Or, select a single workshop for your specific area of need.

Series VII:			
Resume	Mon, Oct 11	3:30-5pm	Zoo-Psych 1124
Job Search	Mon, Oct 18	3:30-5pm	Zoo-Psych 1124
Interviewing	Mon, Oct 25	3:30-5pm	Hornbake 0123
Series VIII:			
Resume	Thurs, Oct 21	4-5:30pm	Hornbake 0125
Job Search	Thurs, Oct 28	4-5:30pm	Hornbake 0125
Interviewing	Thurs, Nov 4	4-5:30pm	Hornbake 0125
Series IX:			
Resume	Tues, Nov 2	12:15-1:45pm	Zoo-Psych 1234
Job Search	Tues, Nov 9	12:15-1:45pm	Zoo-Psych 1234
Interviewing	Tues, Nov 16	12:15-1:45pm	Zoo-Psych 1234

Finding Federal Government Employment

Learn how to determine the positions for which you are eligible, procedures for taking the entry-level ACWA exam, how to locate vacancies, and other useful job search strategies.

Tuesday, Oct 26 4-5:30pm Zoo-Psych 1124

Applying to Graduate School

Learn how to prepare effective personal statements and graduate school applications. A timeline of the application process will be provided and discussed.

Thursday, Oct 14 3-4:30pm Zoo-Psych 1124
Wednesday, Oct 27 3-4:30pm Hornbake 0125

Job Search/Interviewing for International Students

This intensive, two-part workshop offers information on conducting a job search for students with F-1 and J-1 visas. Part 1 covers information on job search strategies and visa regulations. Part 2 covers interviewing and ways to deal with cultural differences in the U.S. Registration required: 3121 Hornbake Library.

Wednesday, Oct 13 4-6:00pm Non-Print Media, Rm.T
Wednesday, Oct 20 4-6:00pm Non-Print Media, Rm.T

Interviewing On-Site

Prepare for the "final" interview by knowing what to expect, travel expenses, salary issues, and accepting/rejecting a job offer.

Thursday, Oct 21 12:15-1:45pm Zoo-Psych 1228
Wednesday, Nov 17 3-4:30pm Hornbake 0125

Thursday, Dec 2 3-4:30pm Hornbake 1112

Teacher Education Seminar

Looking for a job in teaching? Participants will learn effective strategies for finding teaching positions, including information on resume preparation, interviewing, and identifying prospective school districts. Registration materials for establishing a credentials file will be distributed.

Wednesday, Oct 13 5:30-7:30pm Hornbake 3121
Thursday, Nov 4 5-7:00pm Hornbake 0123
Tuesday, Nov 30 5-7:00pm Hornbake 012

From Backpack to Briefcase:

Making the Transition from College Life to the Work World

Finding a job is only the beginning. It is also important to make sure you are prepared for making the change from the role of student to full time worker. Learn how to better understand and adjust to your new corporate culture.

Tuesday, Dec 7 3-4:30pm Zoo-Psych 1234

Gaining Experience Through Co-op and Internships

Understand the differences between two programs that allow you to apply classroom knowledge to the workplace and gain experience in your field of study. Discussions will include eligibility requirements, pursuing credit and use of the Co-op and Internship resources.
Workshops are offered every Monday and Thursday through December 13th, as well as the first Wednesday evening of each month. Call 314-7228 to sign up today!

Almost There - Part II for Cooperative Education Students

Pre-requisite: Gaining Experience through Co-op and Internships. This workshop is the final step to securing a Co-op position. Application packets are collected and final questions about interviewing and worksites are addressed.
This workshop is offered every Monday and Thursday through December 13th.

Expanding Your Education Through National Student Exchange

Explore opportunities for study at another university in the U.S., Alaska, Hawaii and territories. Learn the many benefits of an experience like this and the specific procedures to participate in the National Student Exchange program.
Workshops will be offered from November through March, Tuesdays at 11am and Fridays at 2pm

SPECIAL EVENTS

GRADUATE & PROFESSIONAL SCHOOL FAIR

Marvin Center, George Washington University, Washington, DC. (October 19 &20, 1993)
At this annual event sponsored by area universities and the Career Center, students may speak with representatives from schools from throughout the country. The first day is for students interested in entering law school, and the other day is for students interested in other professional and graduate programs.

INTERNATIONAL STUDENT JOB FAIR

Bender Arena, American University, Washington, DC. (October 28, 1993)
This job fair is for international students to discuss overseas employment and practical training opportunities with representatives from multi-national organizations. Sponsored by the Career Center, the International Educational Services Offices and area universities sponsor this event.

TEACHER RECRUITMENT DAYS

Career Center suite, 3rd floor Hornbake Library, University of Maryland at College Park, (Monday, December 6, 1993 and Tuesday, December 7, 1993)
This event provides an opportunity for December 1993 graduates to interview with Maryland school systems for mid-year teaching vacancies.Contact the Career Center at 314-7225 for registration information.

PROGRAMS, COURSES & SERVICES

Career Planning and Decision-Making (EDCP-108D)

This one-credit course emphasizes the lifelong process of career planning. Assignments are chosen to facilitate self and career exploration, to teach effective decision-making skills for choosing a major, selecting career objectives, and planning for future careers. Register now for the Spring, 1994 semester.

Job Search Strategies (EDCP-108J)

This one-credit course is designed for juniors and seniors who need help beginning their careers and learning the skills of the job search process. Register now for the Spring, 1994 semester.

On-Campus Recruiting Program (OCRP)

This program is one job search strategy for students two recruiting semesters (Fall/Spring) prior to graduation. It provides opportunities for graduating students to interview with employers recruiting on campus. OCRP orientation session required.

Candidate Referral Program

A resume database providing interested employers with summary resumes in response to their specific requests.

Career Resource Center (CRC)

The CRC houses a multi-media collection of resources to help learn about career planning and job search strategies. Holdings include printed, audiovisual, and computerized information. The range of topic areas includes information on self-assessment, career exploration and individual careers, graduate/professional schools and job hunting. DISCOVER, a computer based career planning instrument, and walk-in counseling are also available for students. Call 314-7233 for hours of operation.

Credentials Service

The career Center maintains credential files to support applications for both employment and graduate/professional schools. Each file contains letters of recommendations, course listings and background information. Call 314-7226.

Cooperative Education (Co-op) Program

For Liberal Arts, Business, and the Sciences. Coop allows students to learn more about their field of study, gain paid, professional-level work experience and earn a competitive salary. Attend a Gaining Experience Through Co-op and Internships workshop (see above) for more information.

Internships Program

Internships are learning experiences that help students translate classroom theory to the working world and give them new perspectives to bring back to their studies. Attend a Gaining Experience Through Co-op and Internships workshop (see above) for more information.

National Student Exchange (NSE) Program

NSE provides students with the opportunity to experience educational travel, curricular development , and personal growth. March 1st is the deadline for applications for the next academic year. Students must have a 2.5 GPA at the time of application. Attend an Expanding Your Education Through NSE workshop (see above) for more information.

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2. Oppurtunity to apply academic training
3. Opportunity for individual achievement
4. Personalities of supervisors and colleagues
5. Social significance of job
6. Physical environment and working conditions
7. Pressure and pace of work

THE ORGANIZATION
1. Quality of products or services
2. Management style
3. Opportunities for advancement
4. Encouragement of professional growth
5. Reputation and image of company
6. Financial stability/growth history
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Spring 1994 - Spring 1994 - Spring 1994 -

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CHOOSING OR CHANGING MAJORS

IF YOU ARE CHOOSING OR CHANGING YOUR MAJOR OR YOU WANT TO CLARIFY YOUR CAREER GOALS YOU MIGHT VISIT THE CAREER CENTER TO:

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- ☐ Research majors that will help you accomplish your career aspirations
- ☐ Explore career outcomes of majors you are considering
- ☐ Clarify what you want to get out of college and your career
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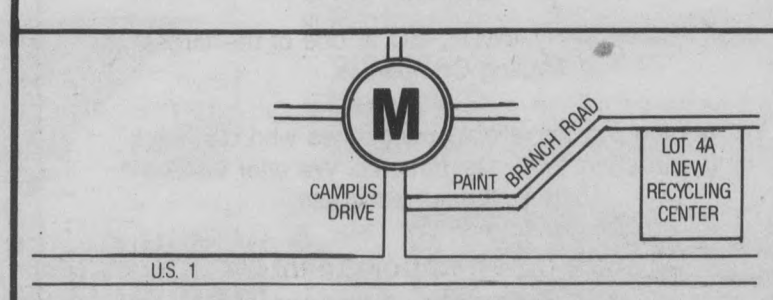

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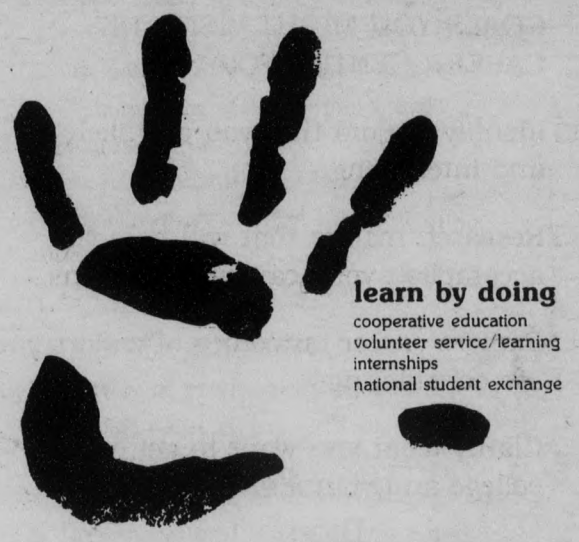

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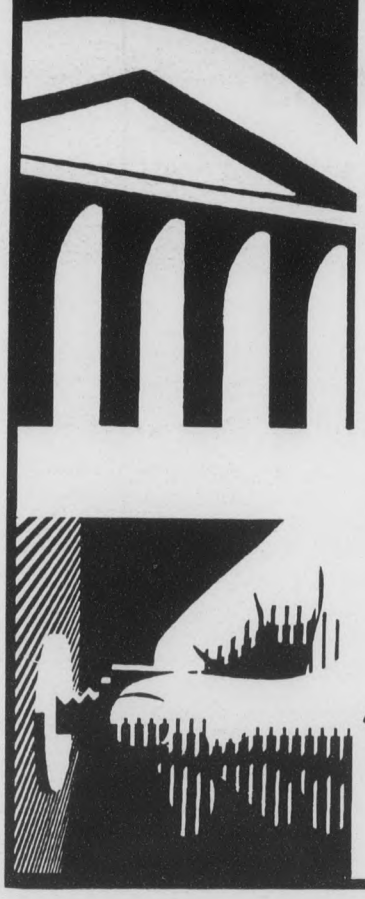

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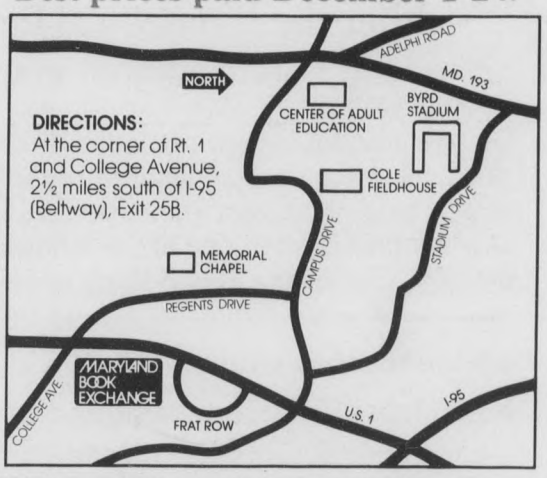

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